

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 10/04/2023 SEQUENCE NAME 04Oct23

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03122113 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN11172002 0.99996
 Vial 3 0.20 calibrator Lot FN03132302
 Vial 4 0.40 calibrator Lot FN03052102

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 011823WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.398 g/dL	Lipomed 30012020-A
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.202 g/dL	ACQ 4110320133/11
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
31	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 20012020-B
40	Aqueous control	0.400 g/dL	0.408 g/dL	Lipomed 30012020-A
41	Aqueous control	0.040 g/dL	0.042 g/dL	Lipomed 14082019-B
42	Blood control	0.199 g/dL	0.199 g/dL	ACQ 4110320133/11
43	Blank	Not detected	Not detected	SPD lab 092223AQ

SUBJECT SAMPLES

Subjects in the sequence 10 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected. This batch includes four proficiency samples.

Run valid Run invalid Erika Canonica Analyst
 Run valid Run invalid ASW Abbott Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

SEQUENCE NAME: 04Oct23

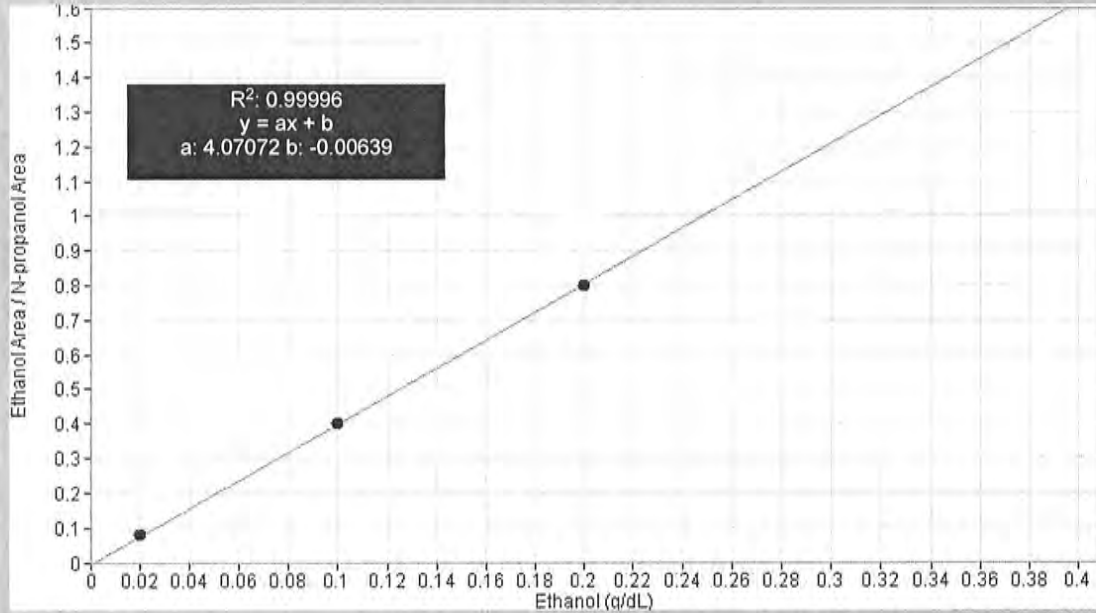
ANALYST: Canonico

EQ

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 011823WB	5	negative	negative	-	-
0.400 30012020-A	7	0.398	0.400	0.50	-0.002
0.040 14082019-B	8	0.041	0.040	2.50	0.001
0.199 4110320133/11	9	0.202	0.199	1.51	0.003
0.080 20012020-B	20	0.080	0.080	0.00	0.000
0.080 20012020-B	31	0.081	0.080	1.25	0.001
0.400 30012020-A	40	0.408	0.400	2.00	0.008
0.040 14082019-B	41	0.042	0.040	5.00	0.002
0.199 4110320133/11	42	0.199	0.199	0.00	0.000
blank 092223AQ	43	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.783	150.504	0.078
0.100	60.604	151.405	0.400
0.200	119.914	149.487	0.802
0.400	242.314	149.150	1.625

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03122113	Vial: 1
Description: 0.020 calibrator	Sequence: 04Oct23
Method: ethanol quant.M	Injection date: 10/4/2023 11:10:44 AM
Instrument: US14173023 CN14160045	Analyst: Canonico <i>ee</i>
Data file: C:\Chem32\1\Data\04Oct23\1.D	

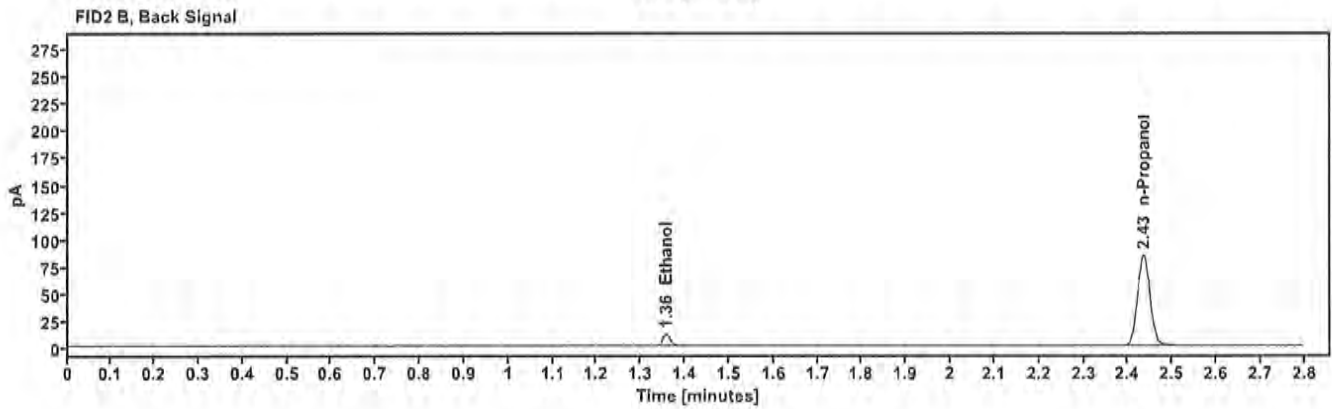
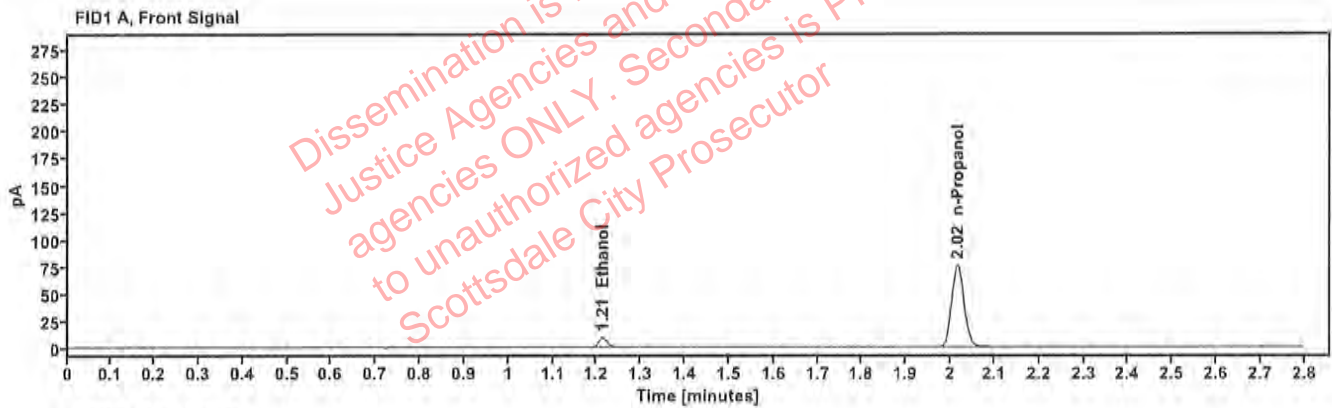


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	11.783
n-Propanol	2.016	150.504

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.357	12.895
n-Propanol	2.434	164.969

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN11172002	Vial: 2
Description: 0.100 calibrator	Sequence: 04Oct23
Method: ethanol quant.M	Injection date: 10/4/2023 11:14:44 AM
Instrument: US14173023 CN14160045	Analyst: Canonico EL
Data file: C:\Chem32\1\Data\04Oct23\2.D	

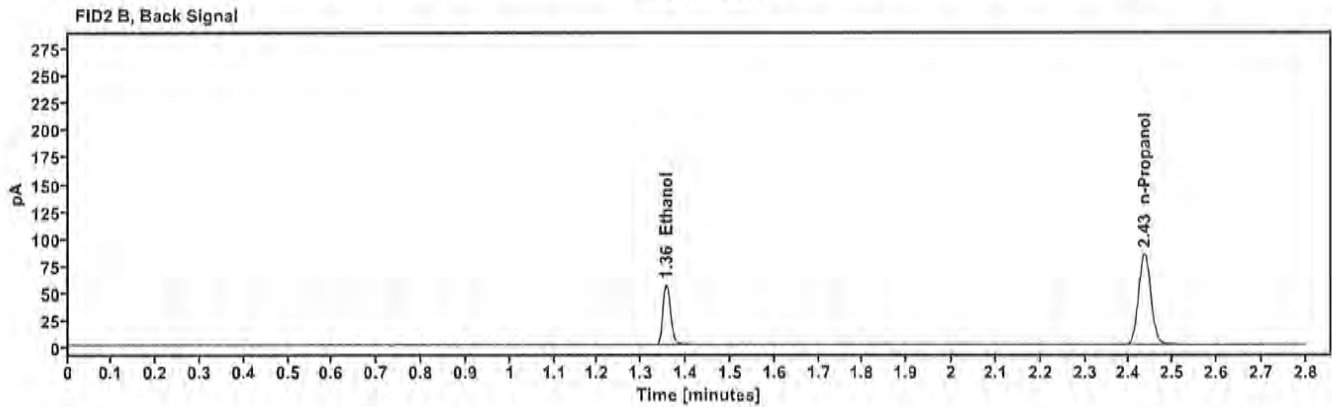
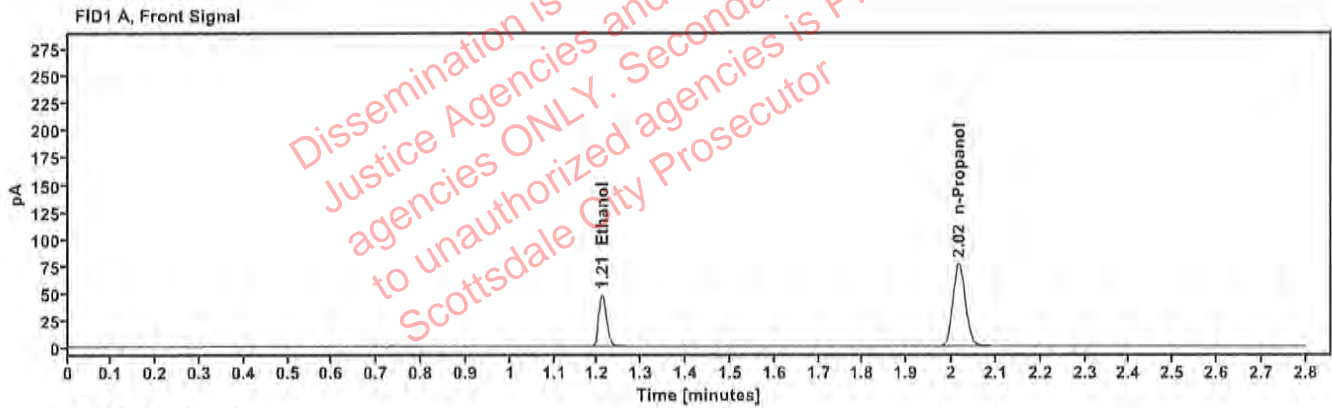


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	60.604
n-Propanol	2.016	151.405

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.356	66.759
n-Propanol	2.435	165.771

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03132302	Vial: 3
Description: 0.200 calibrator	Sequence: 04Oct23
Method: ethanol quant.M	Injection date: 10/4/2023 11:18:44 AM
Instrument: US14173023 CN14160045	Analyst: Canonico ee
Data file: C:\Chem32\1\Data\04Oct23\3.D	

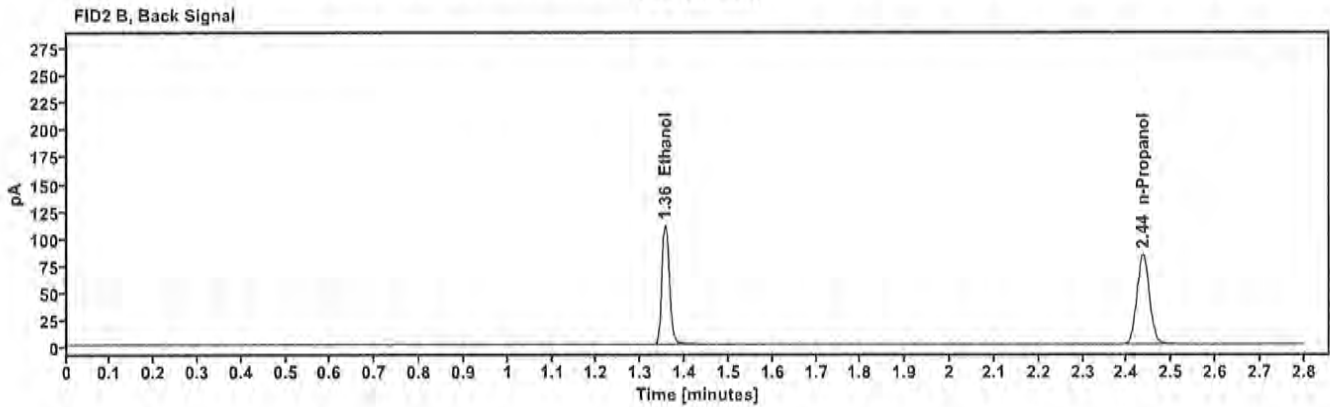
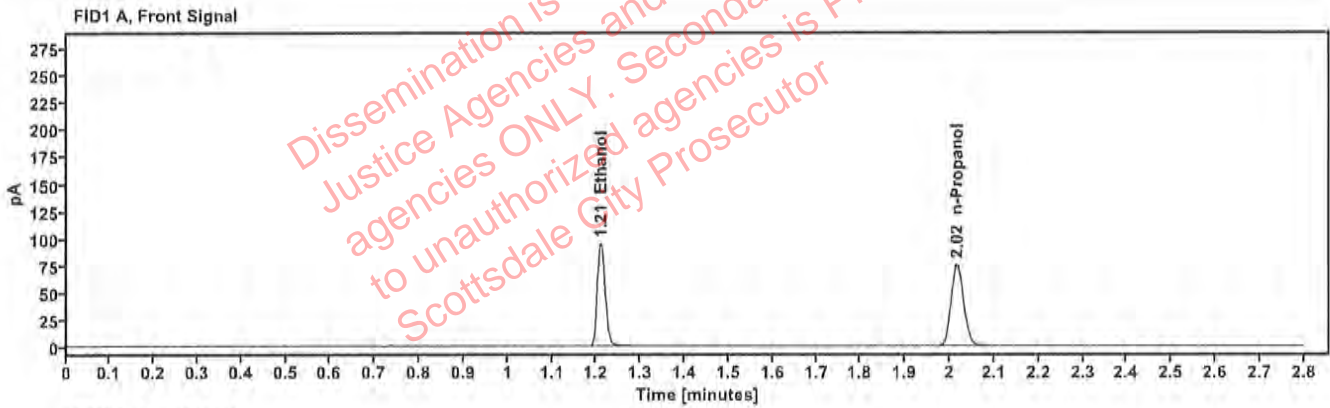


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	119.914
n-Propanol	2.016	149.487

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.355	132.116
n-Propanol	2.435	163.734

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03052102	Vial: 4
Description: 0.400 calibrator	Sequence: 04Oct23
Method: ethanol quant.M	Injection date: 10/4/2023 11:22:44 AM
Instrument: US14173023 CN14160045	Analyst: Canonico EC
Data file: C:\Chem32\1\Data\04Oct23\4.D	

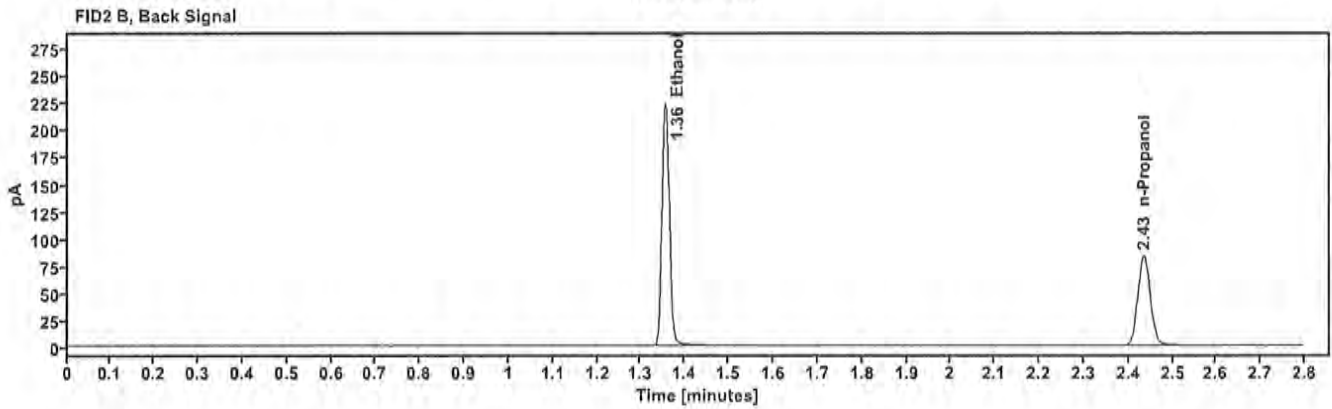
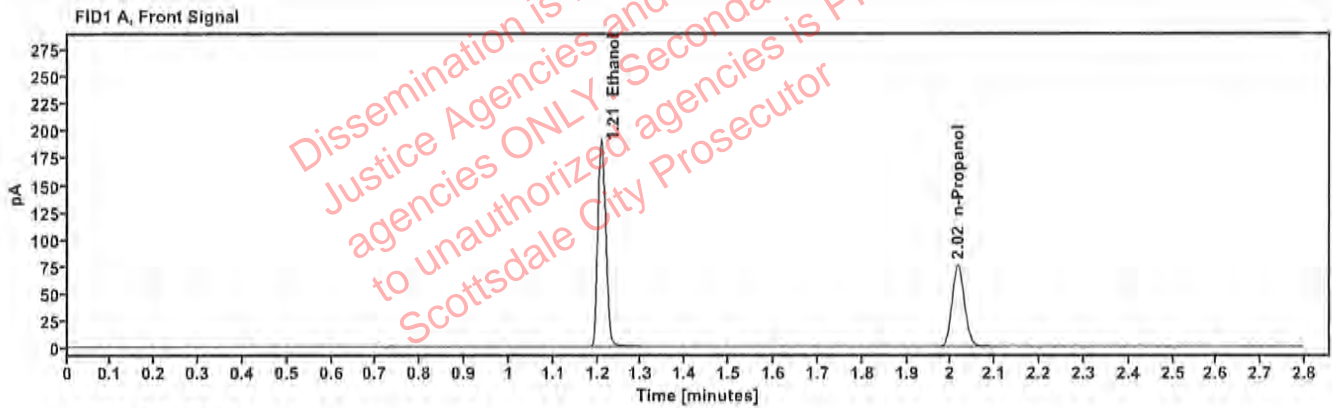


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	242.314
n-Propanol	2.016	149.150

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.355	267.252
n-Propanol	2.435	163.416

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 011823WB	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 04Oct23
Instrument: US14173023 CN14160045	Injection date: 10/4/2023 11:26:44 AM
Data file: C:\Chem32\1\Data\04Oct23\5.D	Analyst: Canonico <i>ec</i>

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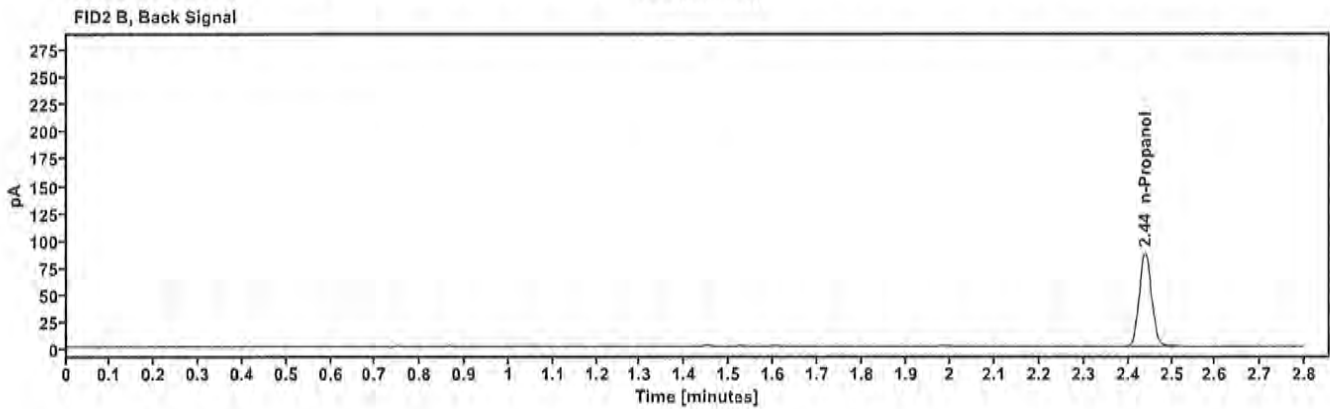
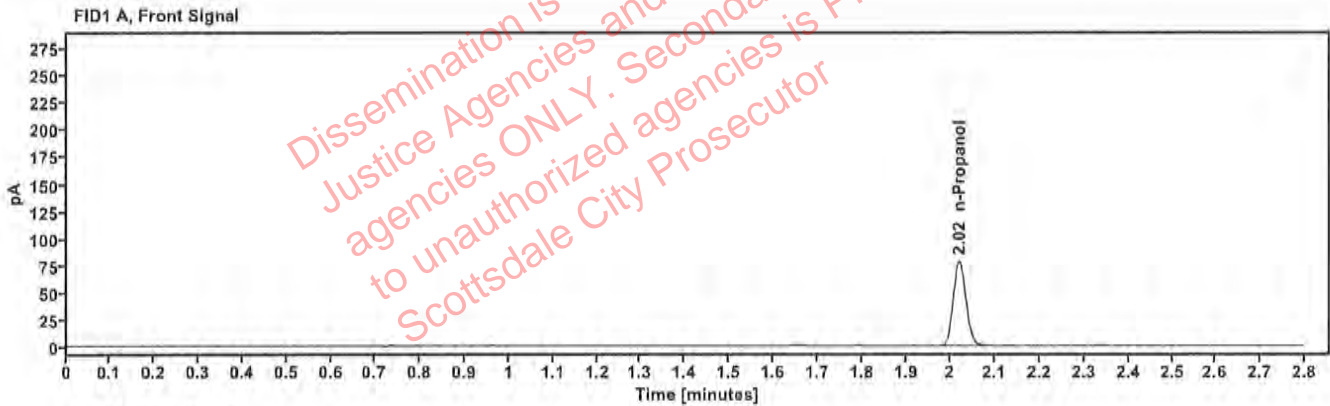


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.019	155.634

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.439	170.931

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 050721MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 04Oct23
Instrument: US14173023 CN14160045	Injection date: 10/4/2023 11:30:44 AM
Data file: C:\Chem32\1\Data\04Oct23\6.D	Analyst: Canonico <i>ec</i>

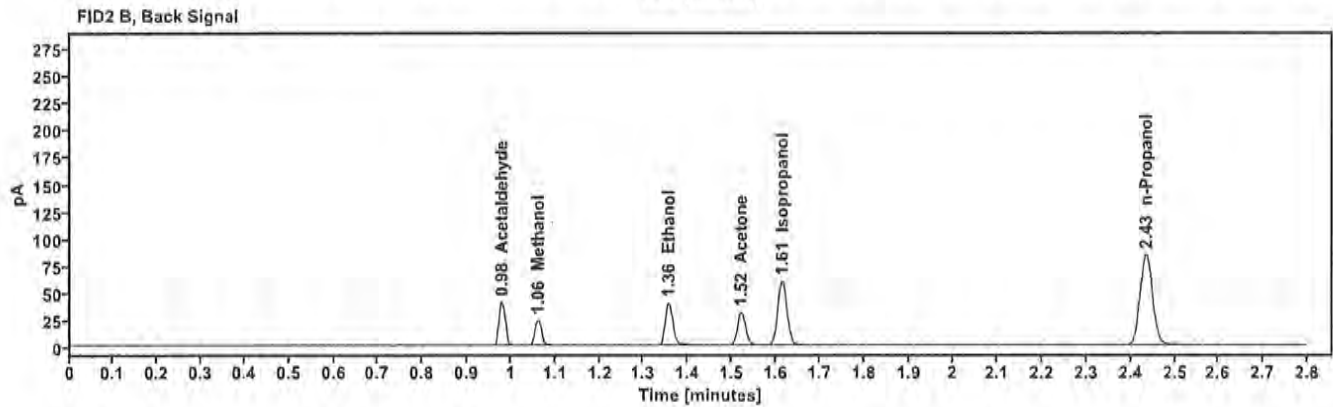
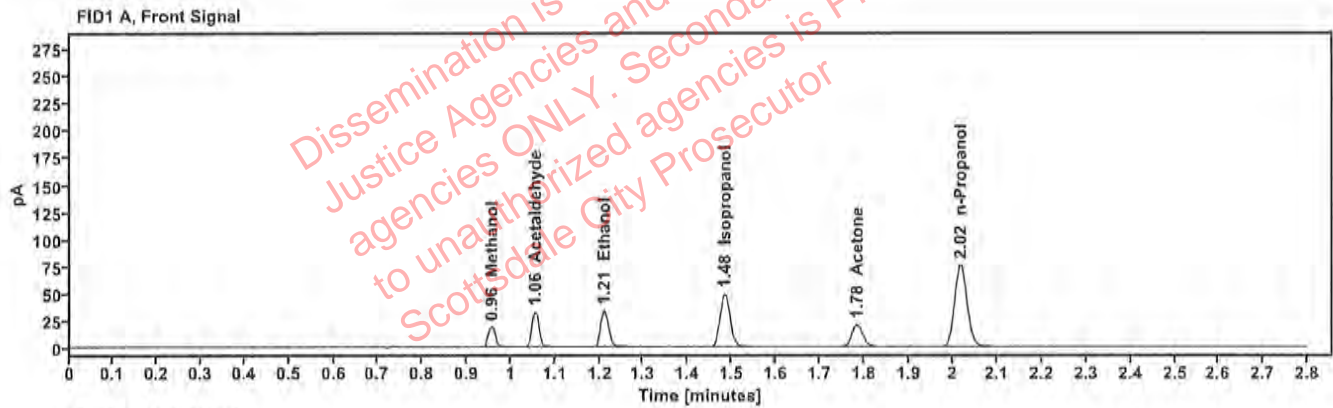


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	---	0.957	21.669
Acetaldehyde	---	1.055	35.809
>Ethanol	0.0716	1.210	42.925
Isopropanol	---	1.484	78.488
Acetone	---	1.785	35.859
n-Propanol	---	2.016	150.527

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.979	40.119
Methanol	1.061	24.110
Ethanol	1.356	47.253
Acetone	1.521	39.562
Isopropanol	1.614	87.216
n-Propanol	2.435	164.954

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 30012020-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 04Oct23
Instrument: US14173023 CN14160045	Injection date: 10/4/2023 11:34:59 AM
Data file: C:\Chem32\1\Data\04Oct23\7.D	Analyst: Canonico <i>EL</i>

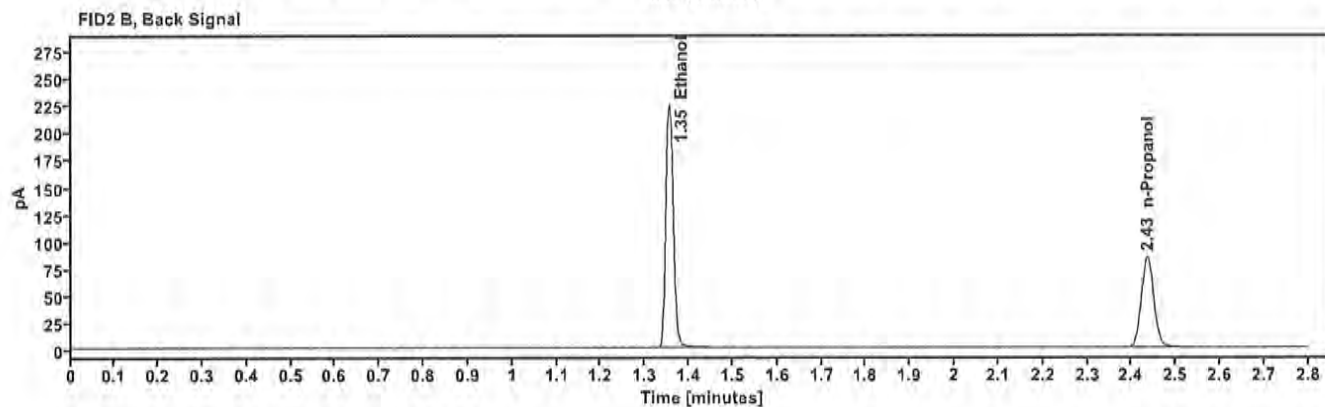
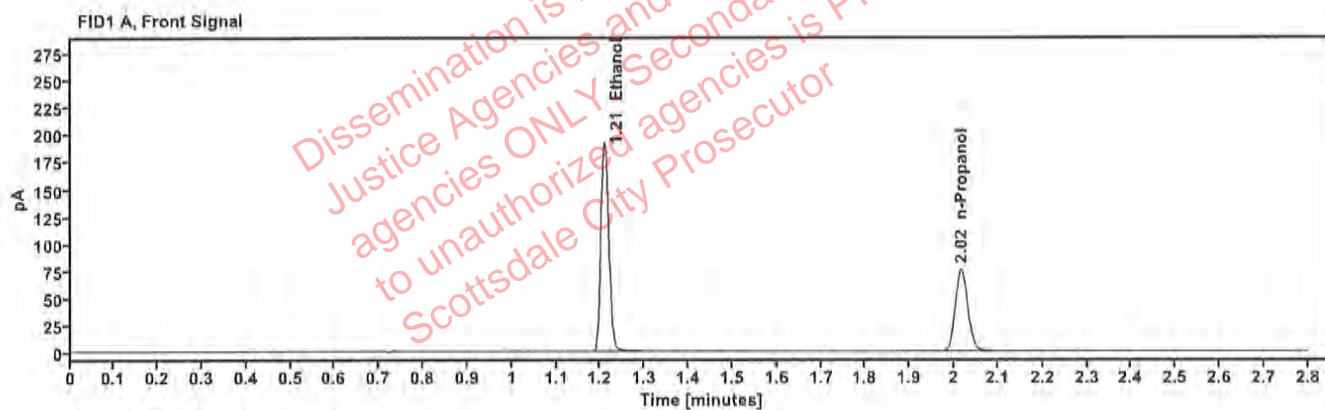


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3989	1.209	243.496
n-Propanol	-----	2.016	150.536

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.355	268.528
n-Propanol	2.435	164.770

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 04Oct23
Instrument: US14173023 CN14160045	Injection date: 10/4/2023 11:38:59 AM
Data file: C:\Chem32\1\Data\04Oct23\8.D	Analyst: Canonico <i>ell</i>

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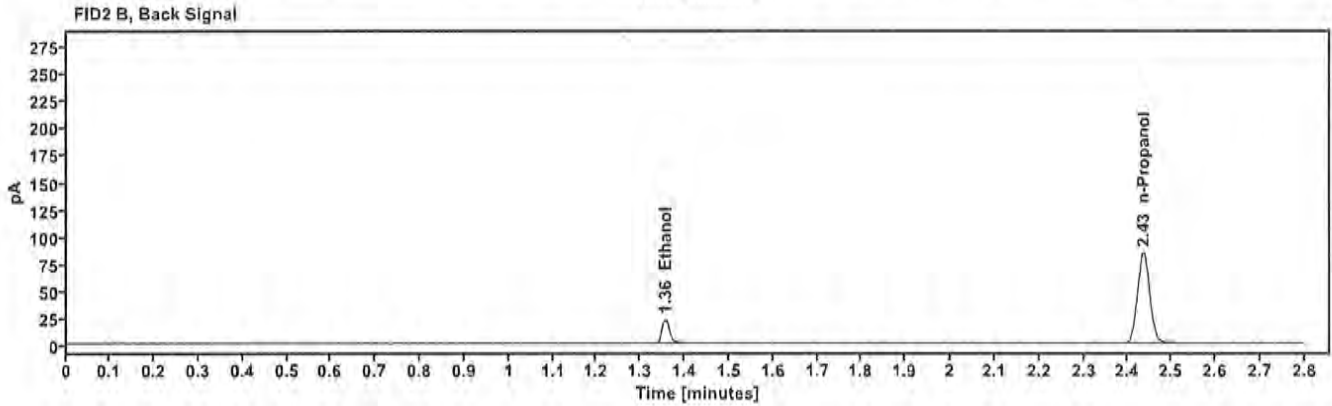
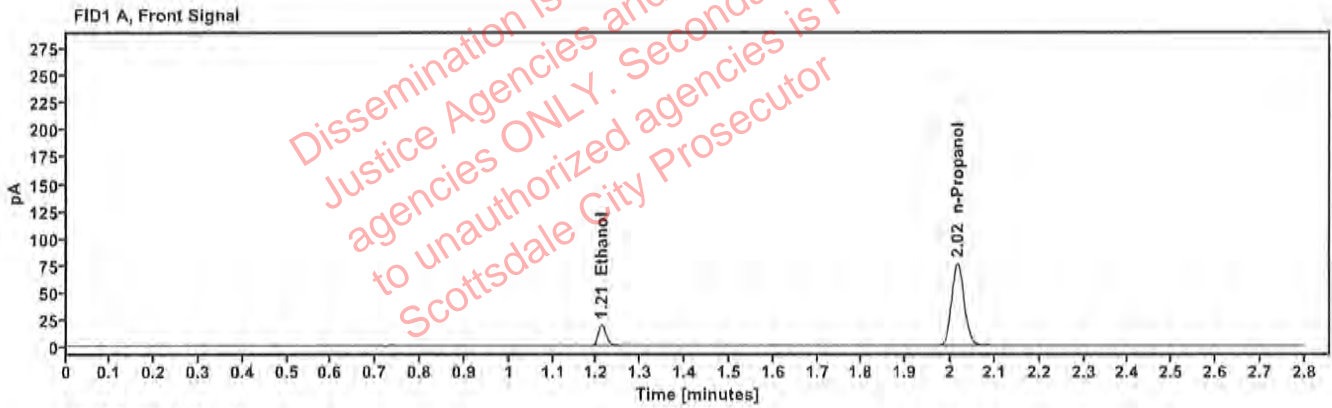


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0411	1.211	24.316
n-Propanol	-----	2.016	150.956

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.356	26.703
n-Propanol	2.435	165.321

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/11	Vial: 9
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 04Oct23
Instrument: US14173023 CN14160045	Injection date: 10/4/2023 11:42:59 AM
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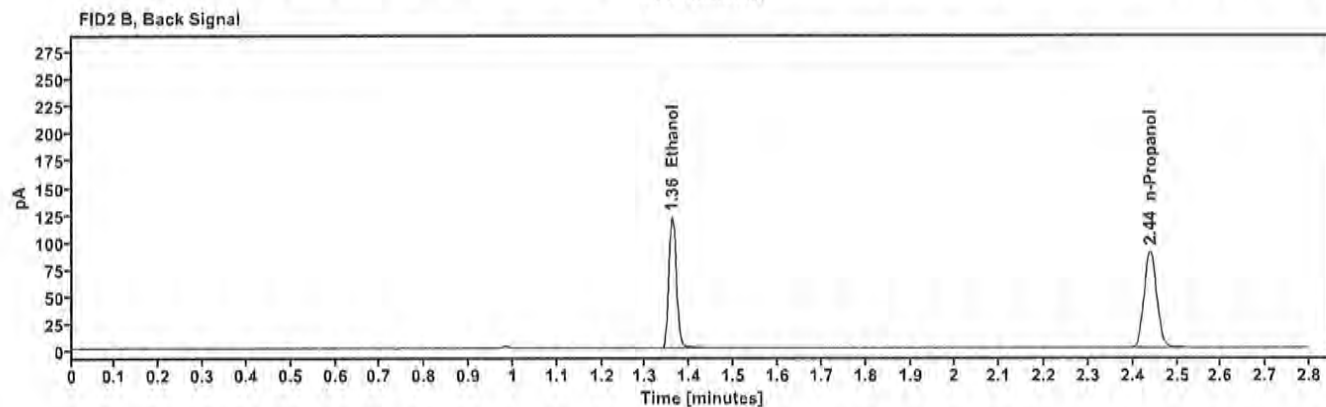
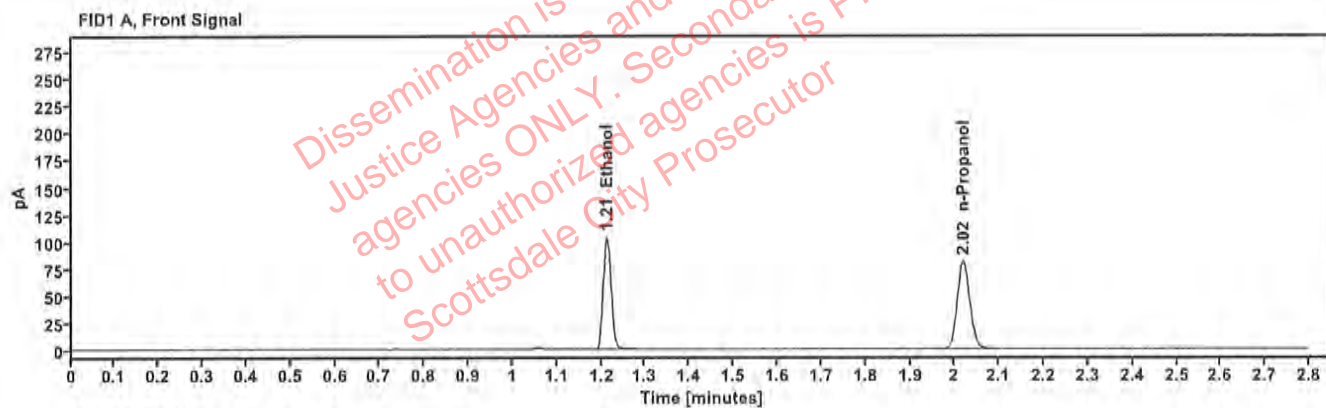


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2025	1.212	132.067
n-Propanol	-----	2.019	161.469

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.360	145.310
n-Propanol	2.439	176.756

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 04Oct23
Instrument: US14173023 CN14160045	Injection date: 10/4/2023 12:27:29 PM
Data file: C:\Chem32\1\Data\04Oct23\20.D	Analyst: Canonico <i>ec</i>

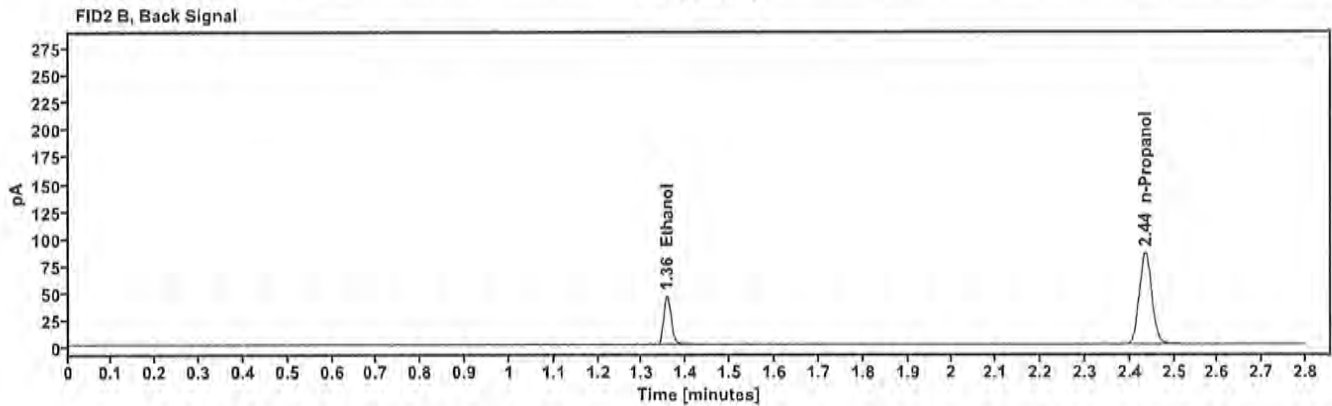
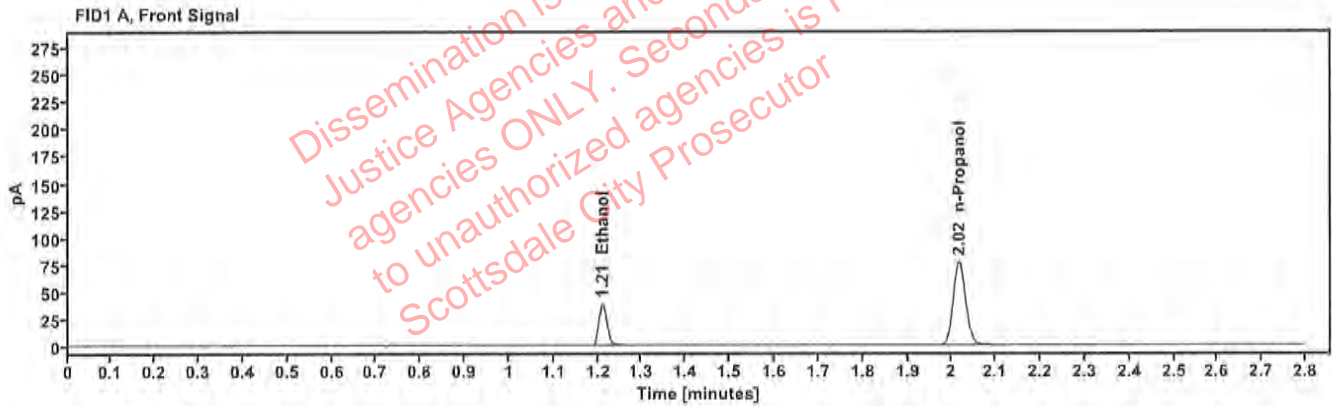


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0805	1.210	49.082
n-Propanol	---	2.016	152.740

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.356	53.873
n-Propanol	2.435	167.358

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 31
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 04Oct23
Instrument: US14173023 CN14160045	Injection date: 10/4/2023 1:12:00 PM
Data file: C:\Chem32\1\Data\04Oct23\31.D	Analyst: Canonico <i>EL</i>

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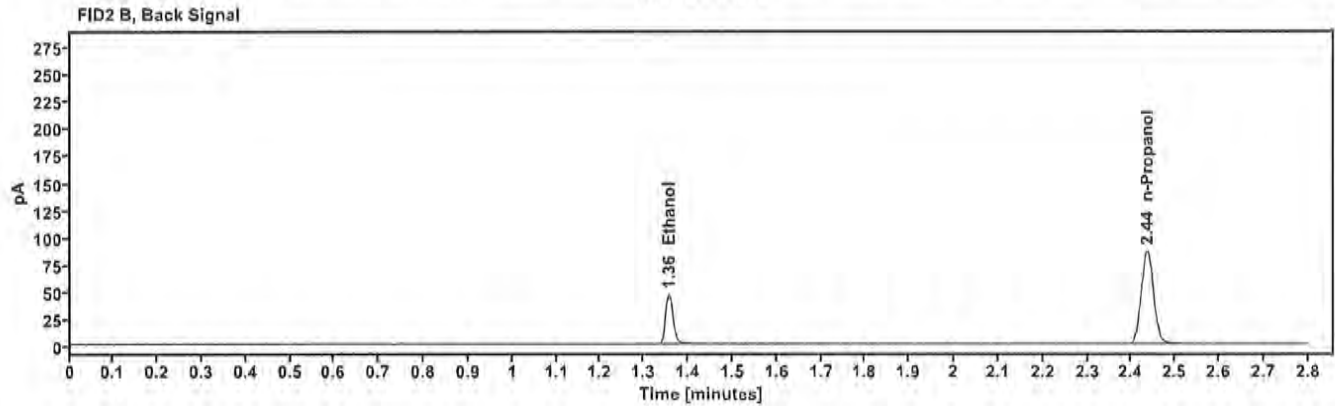
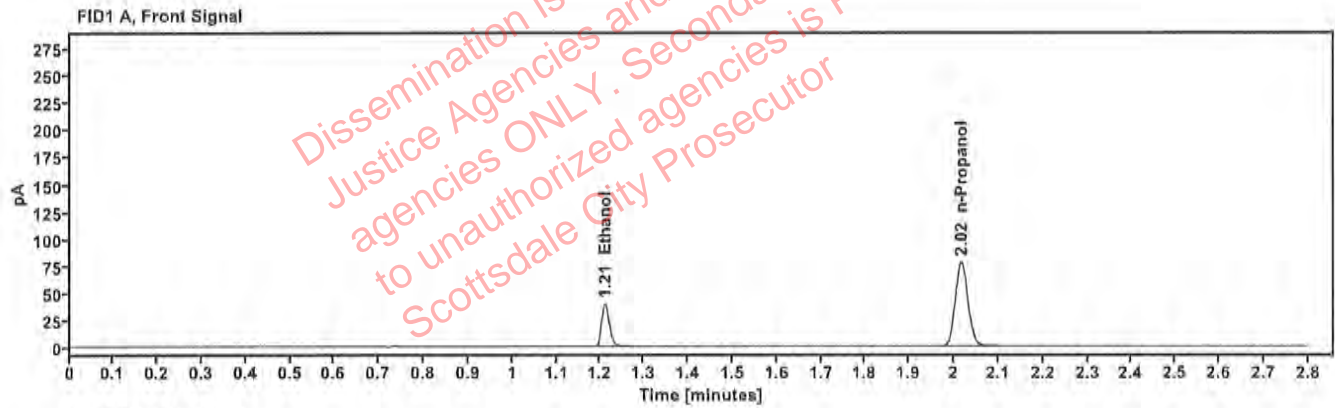


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0811	1.210	50.135
n-Propanol	-----	2.016	154.818

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.356	54.990
n-Propanol	2.435	169.513

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 30012020-A	Vial: 40
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 04Oct23
Instrument: US14173023 CN14180045	Injection date: 10/4/2023 1:48:14 PM
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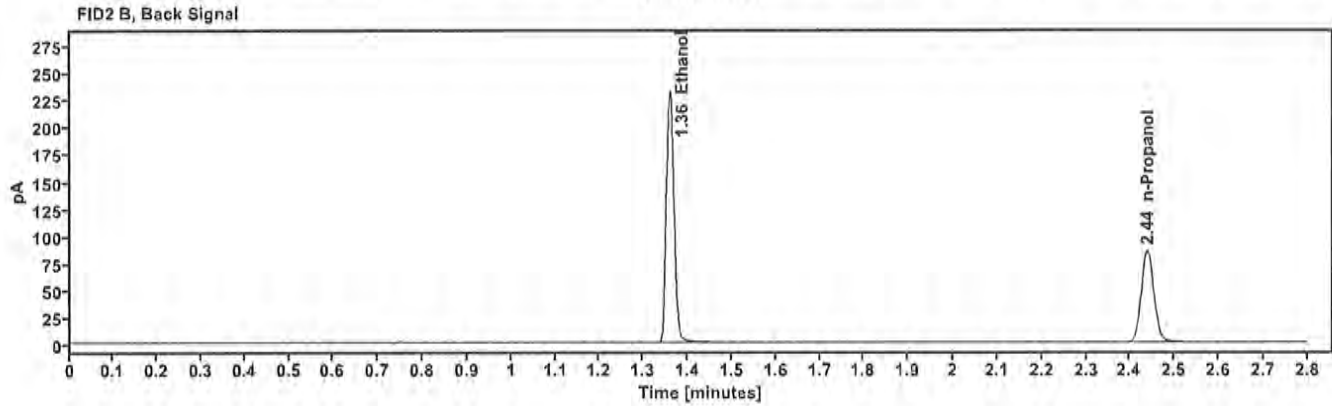
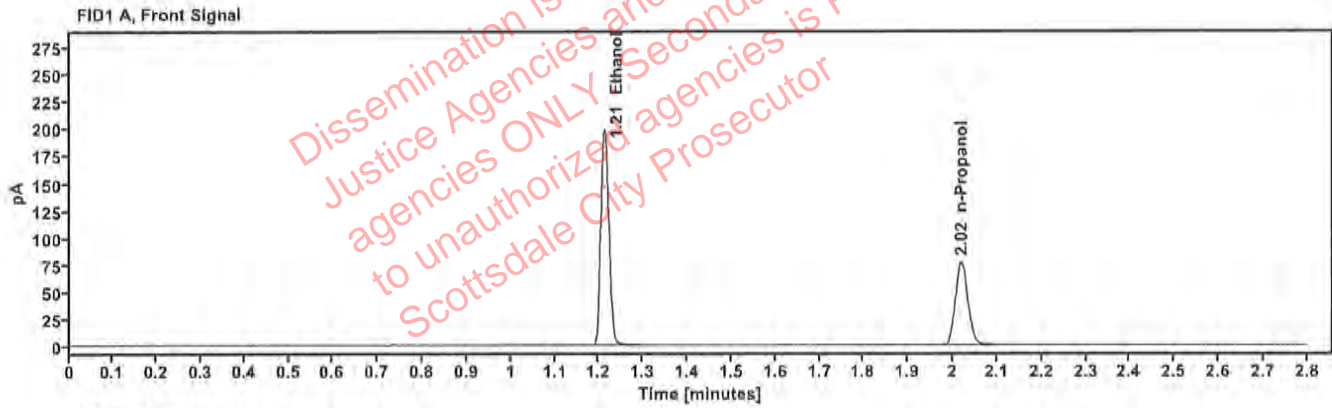


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4086	1.212	253.579
n-Propanol	---	2.019	153.029

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.360	279.813
n-Propanol	2.439	167.520

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 41
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 04Oct23
Instrument: US14173023 CN14160045	Injection date: 10/4/2023 1:52:14 PM
Data file: C:\Chem32\1\Data\04Oct23\41.D	Analyst: Canonico <i>EC</i>

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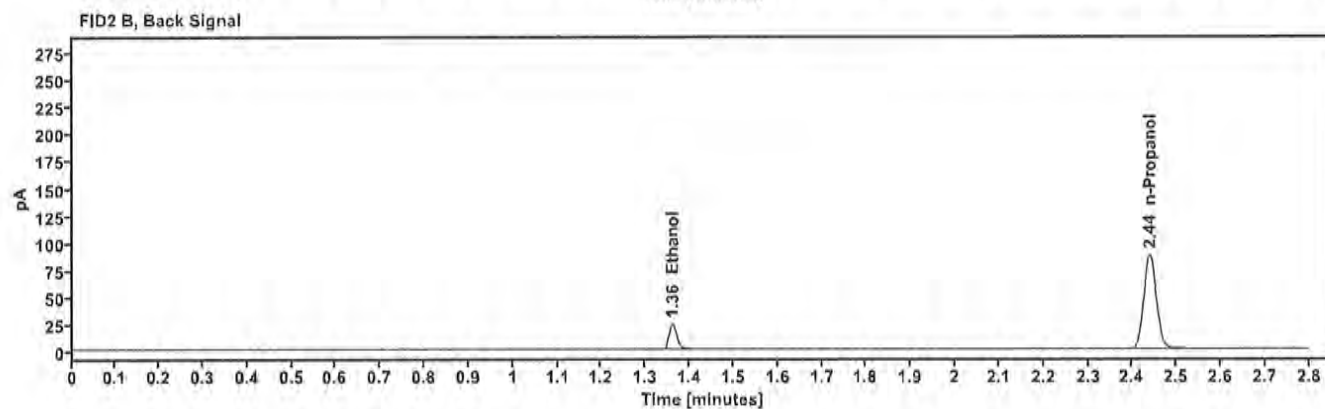
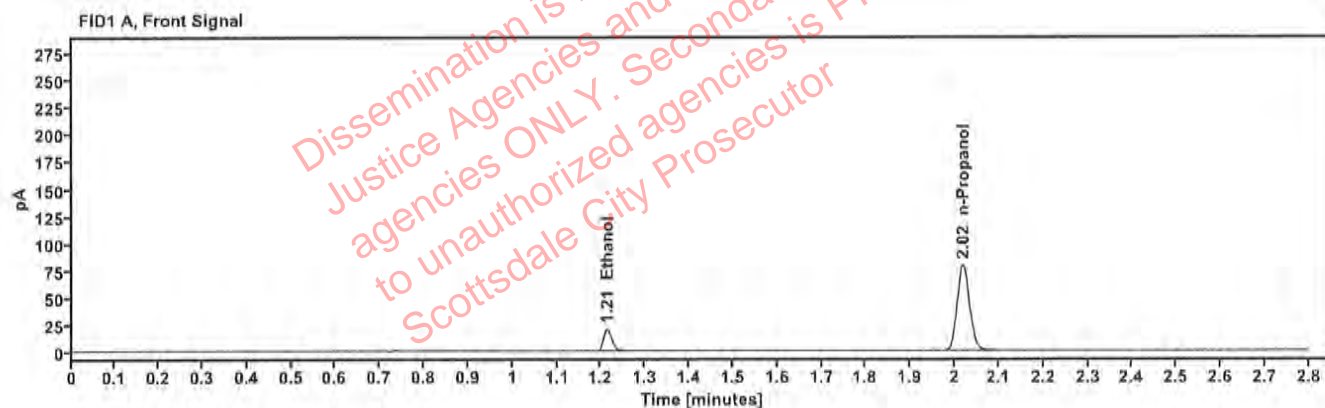


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0423	1.214	26.018
n-Propanol	-----	2.019	157.042

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.361	28.522
n-Propanol	2.439	172.009

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/11	Vial: 42
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 04Oct23
Instrument: US14173023 CN14160045	Injection date: 10/4/2023 1:56:15 PM
Data file: C:\Chem32\1\Data\04Oct23\42.D	Analyst: Canonico <i>ec</i>

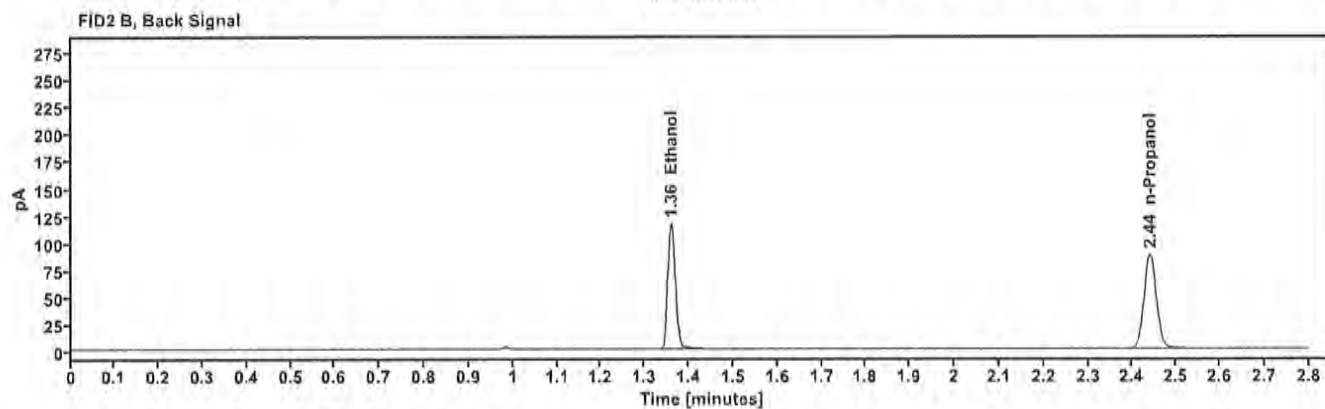
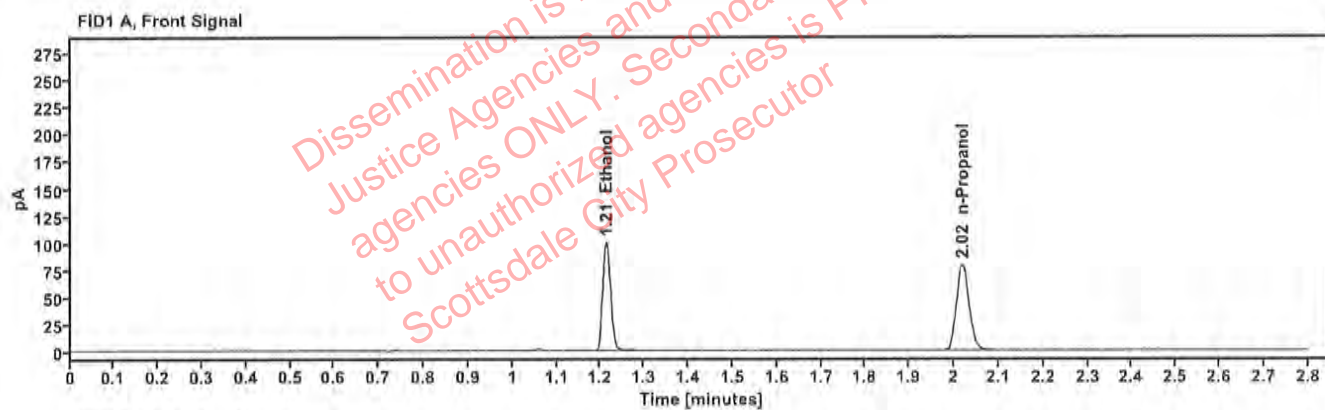


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1995	1.212	127.179
n-Propanol	-----	2.019	157.807

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.360	139.986
n-Propanol	2.439	172.861

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 092223AQ	Vial: 43
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 04Oct23
Instrument: US14173023 CN14160045	Injection date: 10/4/2023 2:00:29 PM
Data file: C:\Chem32\1\Data\04Oct23\43.D	Analyst: Canonico <i>EC</i>

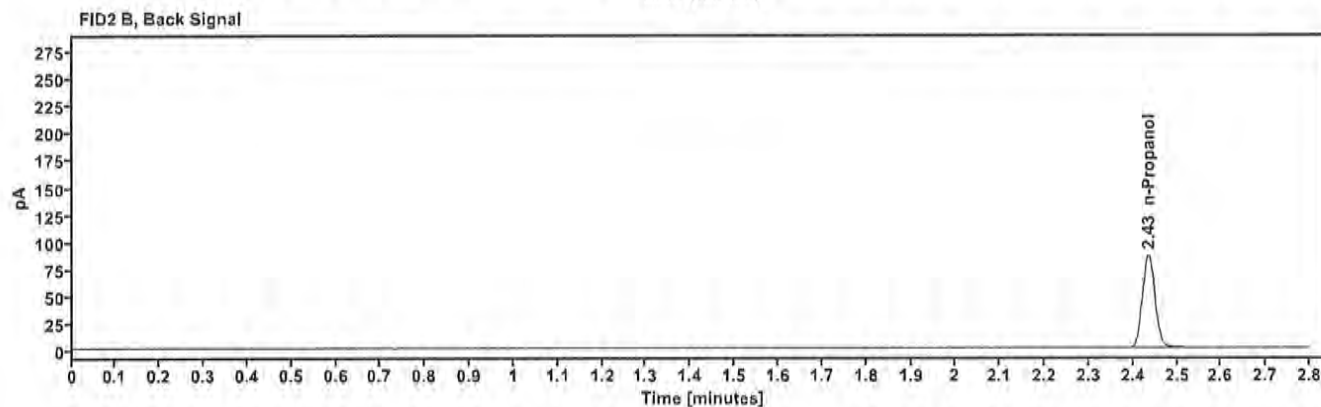


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.016	155.064

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.435	169.826

Sequence Summary

Sequence name: 04Oct23 Instrument: US14173023 CN14160045 Analyst: Canonico *EC*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN03122113	0.020 calibrator	Calibration		ethanol quant.M
2	FN11172002	0.100 calibrator	Calibration		ethanol quant.M
3	FN03132302	0.200 calibrator	Calibration		ethanol quant.M
4	FN03052102	0.400 calibrator	Calibration		ethanol quant.M
5	011823WB	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	30012020-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	4110320133/11	0.199	Control		ethanol quant.M
10	ITEM0001		Sample		ethanol quant.M
11	ITEM0001		Sample		ethanol quant.M
12	ITEM0002		Sample		ethanol quant.M
13	ITEM0002		Sample		ethanol quant.M
14	ITEM0004		Sample		ethanol quant.M
15	ITEM0004		Sample		ethanol quant.M
16	ITEM0003		Sample		ethanol quant.M
17	ITEM0003		Sample		ethanol quant.M
18	419-01O.G.		Sample		ethanol quant.M
19	419-01O.G.		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	405-01C.S.		Sample		ethanol quant.M
22	405-01C.S.		Sample		ethanol quant.M
23	425-01N.A.		Sample		ethanol quant.M
24	425-01N.A.		Sample		ethanol quant.M
25	285-01J.T.		Sample		ethanol quant.M
26	285-01J.T.		Sample		ethanol quant.M
27	429-01T.H.		Sample		ethanol quant.M
28	429-01T.H.		Sample		ethanol quant.M
29	2319574-2		Sample		ethanol quant.M
30	2319574-2		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	2319710-2		Sample		ethanol quant.M
33	2319710-2		Sample		ethanol quant.M
34	2319855-1		Sample		ethanol quant.M
35	2319855-1		Sample		ethanol quant.M
36	2319650-1		Sample		ethanol quant.M
37	2319650-1		Sample		ethanol quant.M
38	2320337-3		Sample		ethanol quant.M
39	2320337-3		Sample		ethanol quant.M
40	30012020-A	0.400	Control		ethanol quant.M
41	14082019-B	0.040	Control		ethanol quant.M
42	4110320133/11	0.199	Control		ethanol quant.M
43	092223AQ	Negative	Control		ethanol quant.M

Dissemination is restricted to Criminal Justice Agencies and authorized agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED. Scottsdale City Prosecutor

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 04Oct23

ANALYST: Canonico

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1243	0.1253	0.12480	0.40	0.00050
12 13	0.0559	0.0562	0.05605	0.27	0.00015
14 15	0.2667	0.2696	0.26815	0.54	0.00145
16 17	0.1987	0.1976	0.19815	0.28	0.00055
18 19	0.1862	0.1866	0.18640	0.11	0.00020
21 22	0.1705	0.1706	0.17055	0.03	0.00005
23 24	0.1595	0.1569	0.15820	0.82	0.00130
25 26	0.0316	0.0318	0.03170	0.32	0.00010
27 28	0.1481	0.1469	0.14750	0.41	0.00060
29 30	0.1681	0.1661	0.16710	0.60	0.00100
32 33	0.2600	0.2591	0.25955	0.17	0.00045
34 35	0.1966	0.1959	0.19625	0.18	0.00035
36 37	0.2445	0.2454	0.24495	0.18	0.00045
38 39	0.0640	0.0648	0.06440	0.62	0.00040

*Calculated differences are differences from the mean of the two results.

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 Scottsdale City Prosecutor

Scottsdale Forensic Lab Blood Alcohol Pipetting Log

ANALYST: Canonico *ee*

SEQUENCE: 04Oct23

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	ITEM0001	ITEM0001	ITEM0001	Yes
Vials 12 and 13	ITEM0002	ITEM0002	ITEM0002	Yes
Vials 14 and 15	ITEM0004	ITEM0004	ITEM0004	Yes
Vials 16 and 17	ITEM0003	ITEM0003	ITEM0003	Yes
Vials 18 and 19	419-01O.G.	419-01O.G.	419-01O.G.	Yes
Vials 21 and 22	405-01C.S.	405-01C.S.	405-01C.S.	Yes
Vials 23 and 24	425-01N.A.	425-01N.A.	425-01N.A.	Yes
Vials 25 and 26	285-01J.T.	285-01J.T.	285-01J.T.	Yes
Vials 27 and 28	429-01T.H.	429-01T.H.	429-01T.H.	Yes
Vials 29 and 30	2319574-2	2319574-2	2319574-2	Yes
Vials 32 and 33	2319710-2	2319710-2	2319710-2	Yes
Vials 34 and 35	2319855-1	2319855-1	2319855-1	Yes
Vials 36 and 37	2319650-1	2319650-1	2319650-1	Yes
Vials 38 and 39	2320337-3	2320337-3	2320337-3	Yes

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	ITEM0001	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Oct23
Instrument:	US14173023 CN14160045	Injection date:	10/4/2023 11:46:59 AM
Data file:	C:\Chem32\1\Data\04Oct23\10.D	Analyst:	Canonico

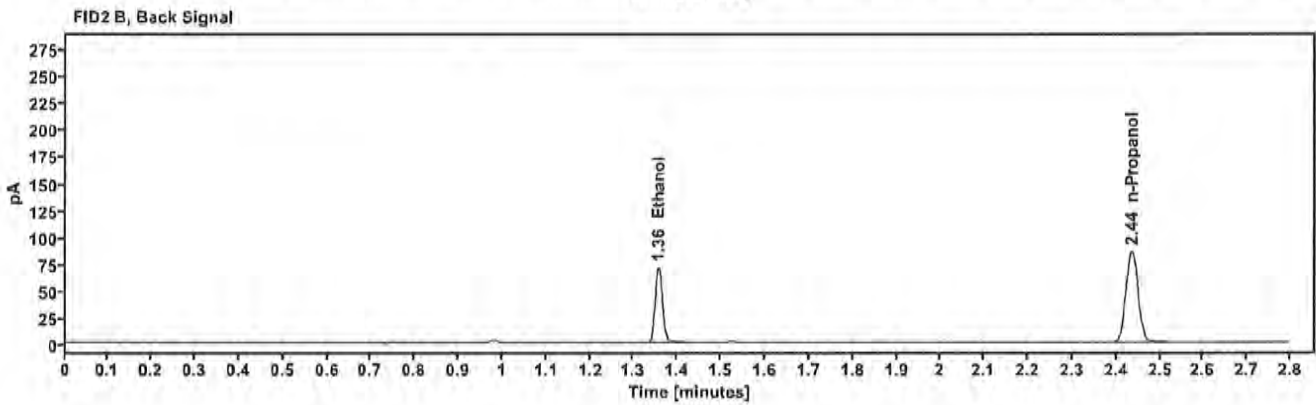
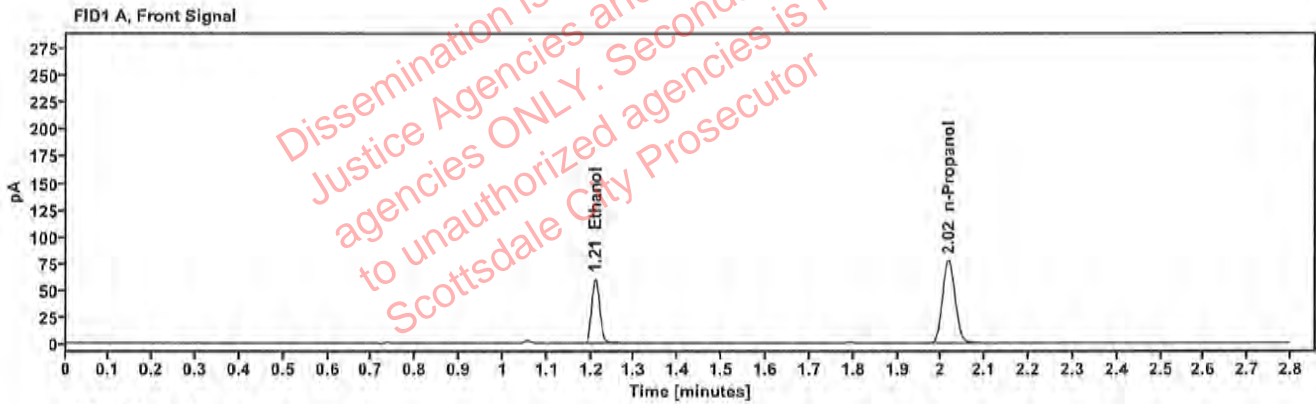


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1243	1.210	76.941
n-Propanol	-----	2.016	154.023

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.356	84.545
n-Propanol	2.435	168.941

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	ITEM0001	Vial:	11
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	04Oct23
Instrument:	US14173023 CN14160045	Injection date:	10/4/2023 11:50:59 AM
Data file:	C:\Chem32\1\Data\04Oct23\11.D	Analyst:	Canonico

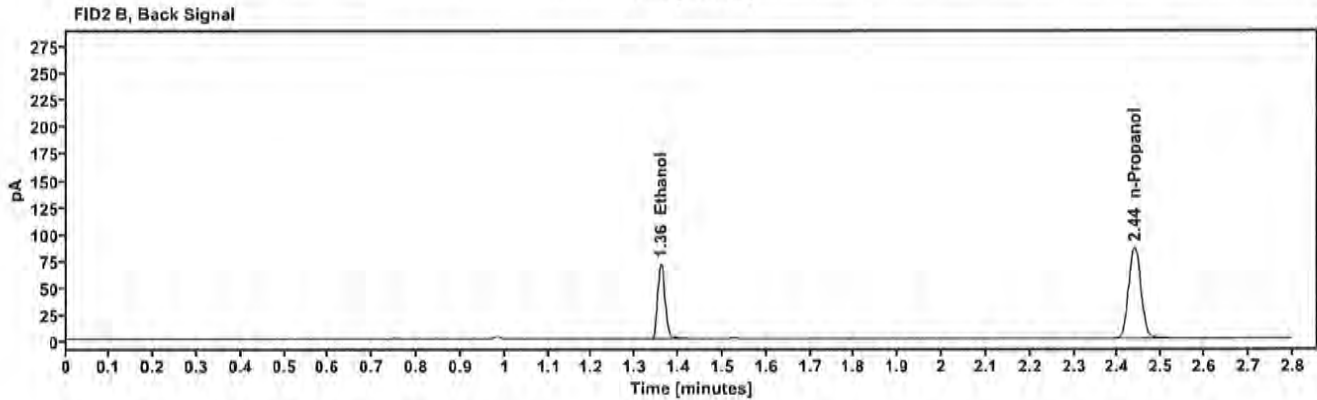
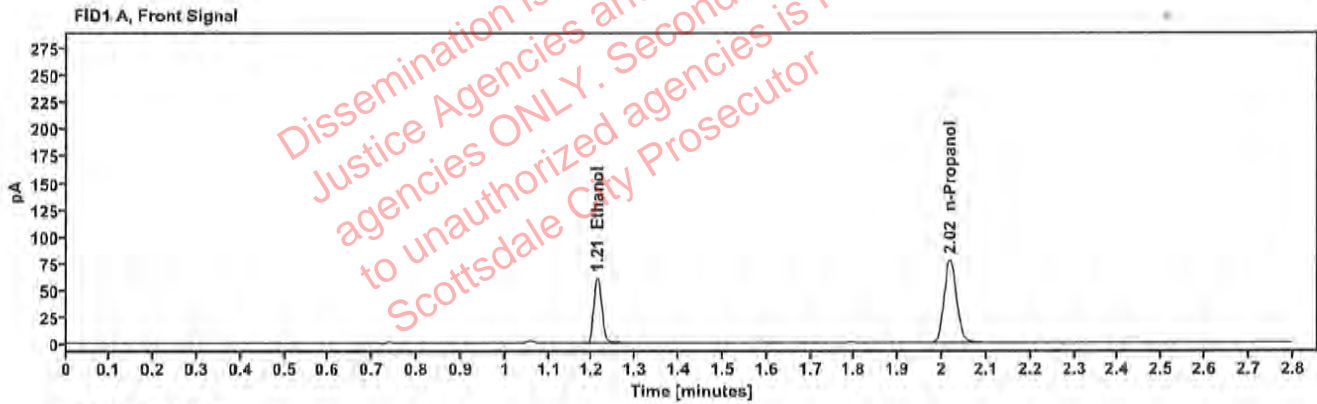


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1253	1.212	77.358
n-Propanol	—	2.018	153.641

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	85.214
n-Propanol	2.438	168.518

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	ITEM0002	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Oct23
Instrument:	US14173023 CN14160045	Injection date:	10/4/2023 11:54:59 AM
Data file:	C:\Chem32\1\Data\04Oct23\12.D	Analyst:	Canonico

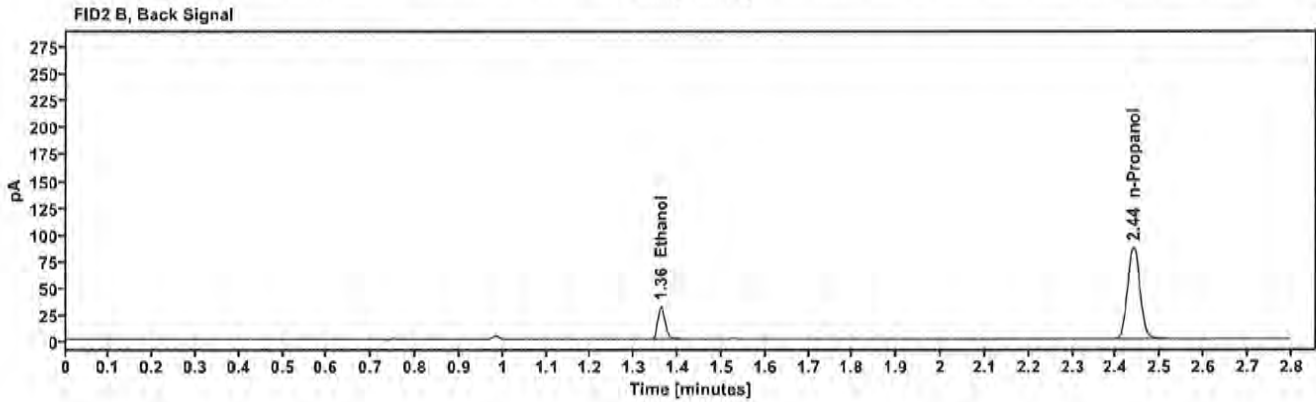
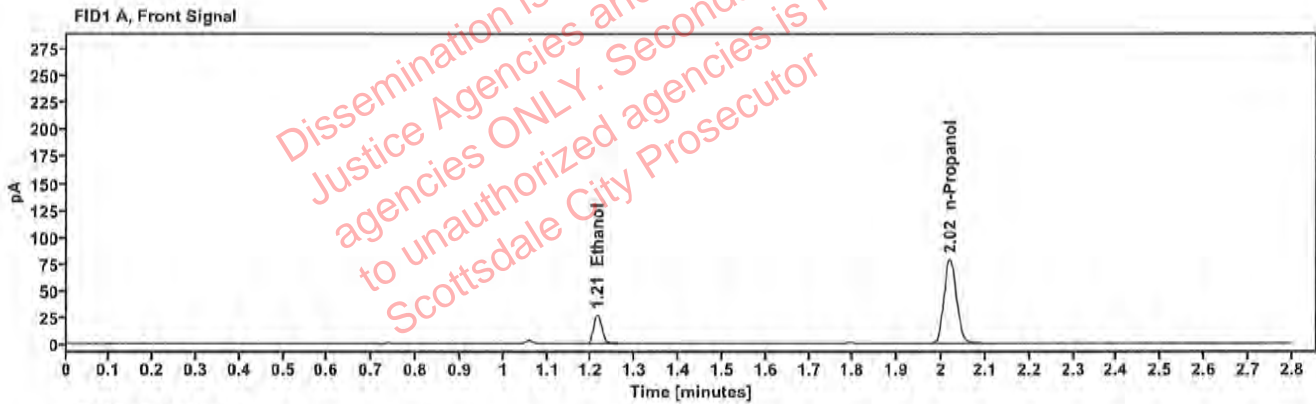


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0559	1.214	34.678
n-Propanol	—	2.019	156.714

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.361	37.893
n-Propanol	2.439	171.899

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	ITEM0002	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Oct23
Instrument:	US14173023 CN14160045	Injection date:	10/4/2023 11:59:15 AM
Data file:	C:\Chem32\1\Data\04Oct23\13.D	Analyst:	Canonico

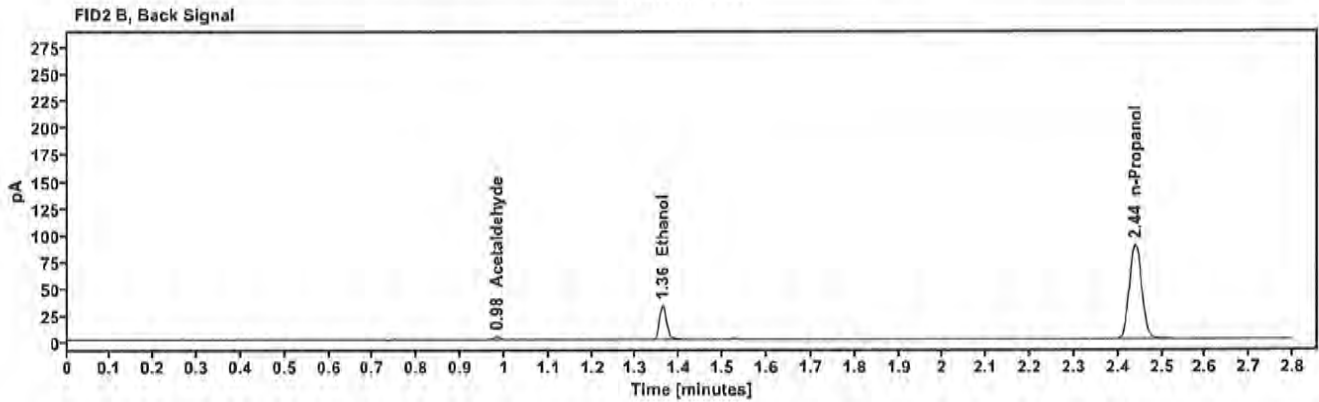
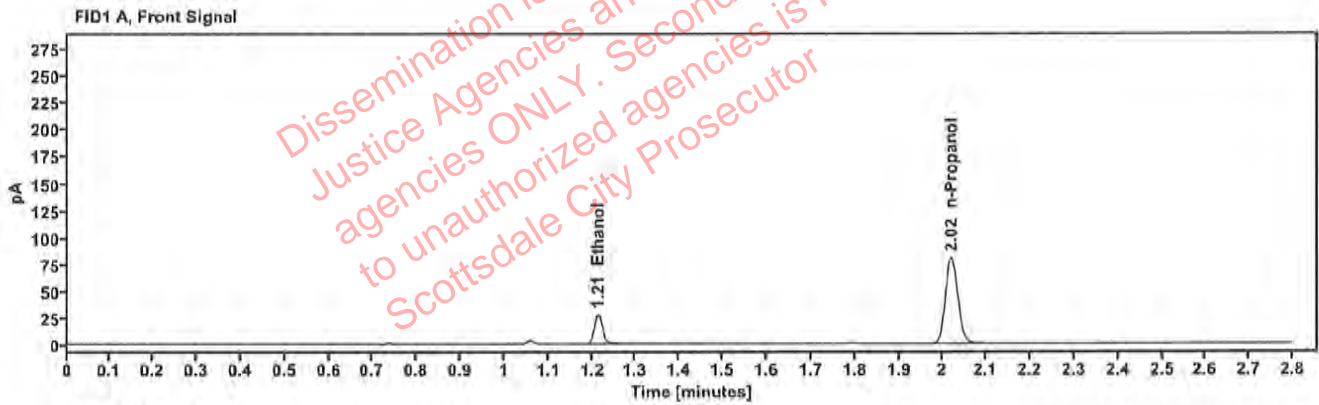


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0562	1.214	35.586
n-Propanol	---	2.019	160.051

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	3.787
Ethanol	1.361	38.892
n-Propanol	2.439	175.381

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	ITEM0004	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Oct23
Instrument:	US14173023 CN14160045	Injection date:	10/4/2023 12:03:15 PM
Data file:	C:\Chem32\1\Data\04Oct23\14.D	Analyst:	Canonico

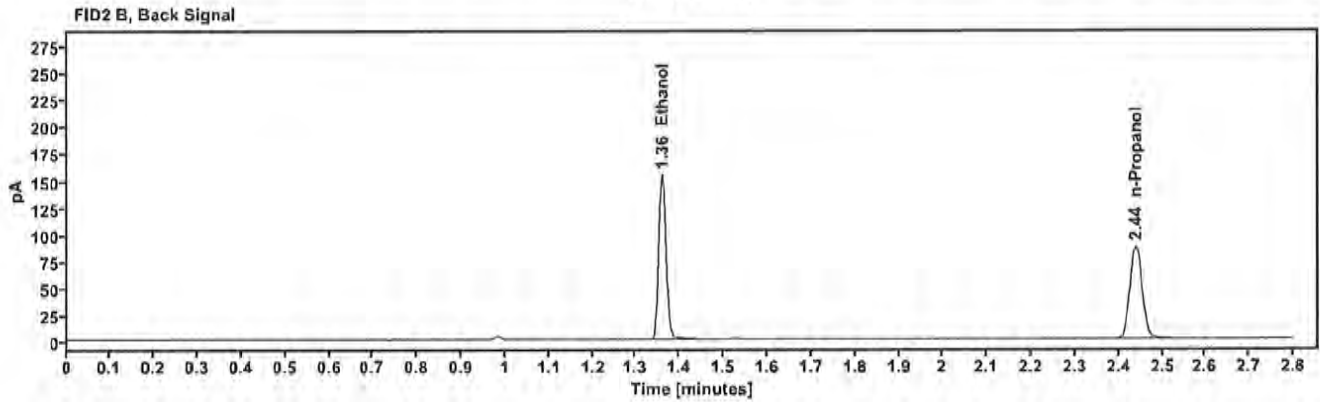
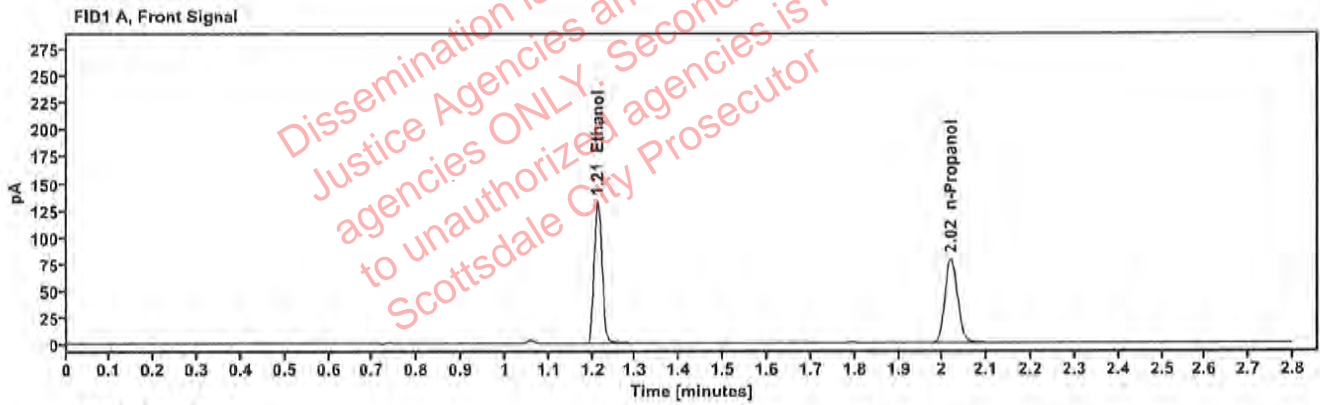


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2667	1.212	168.544
n-Propanol	-----	2.019	156.172

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.360	185.517
n-Propanol	2.439	171.225

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	ITEM0004	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Oct23
Instrument:	US14173023 CN14160045	Injection date:	10/4/2023 12:07:15 PM
Data file:	C:\Chem32\1\Data\04Oct23\15.D	Analyst:	Canonico

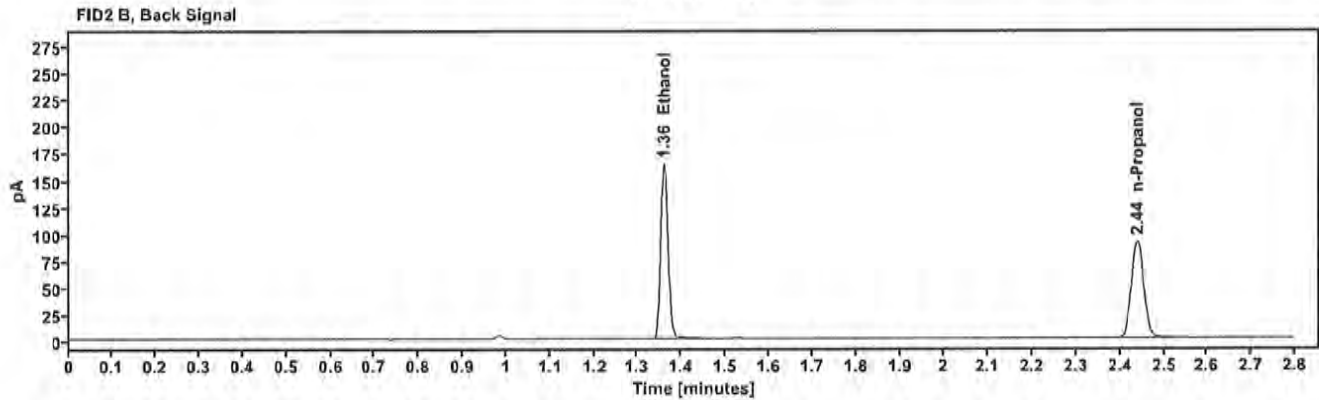
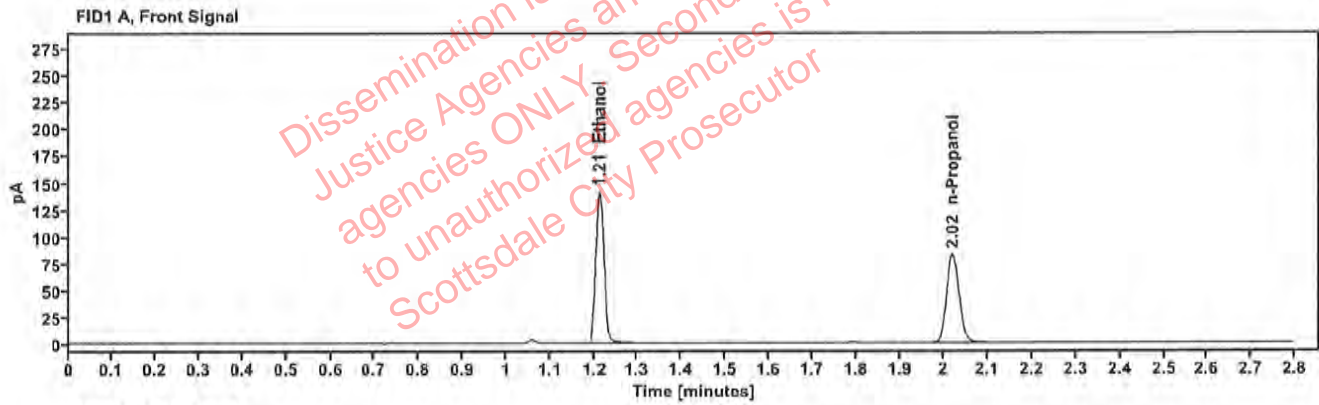


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2696	1.212	179.482
n-Propanol	—	2.019	164.526

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.360	197.855
n-Propanol	2.439	180.482

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	ITEM0003	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Oct23
Instrument:	US14173023 CN14160045	Injection date:	10/4/2023 12:11:14 PM
Data file:	C:\Chem32\1\Data\04Oct23\16.D	Analyst:	Canonico

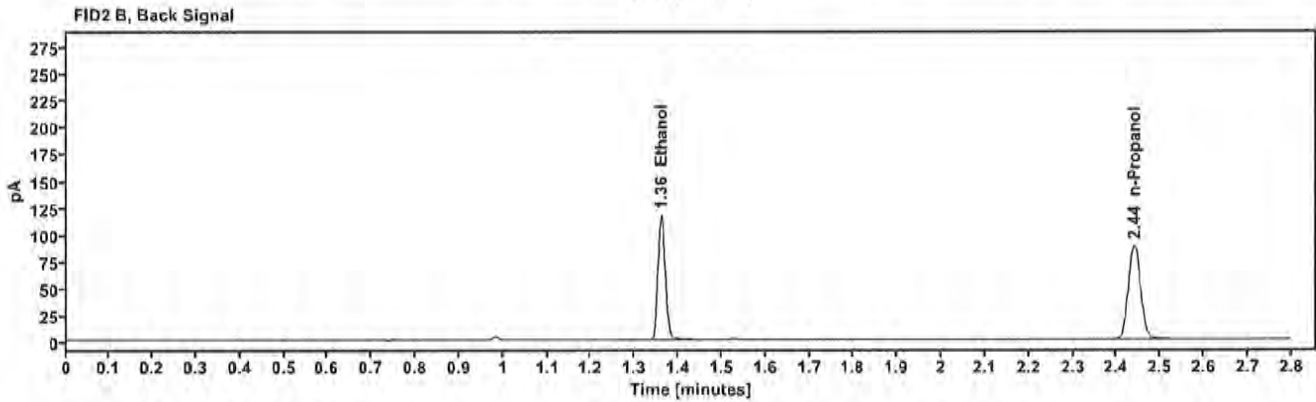
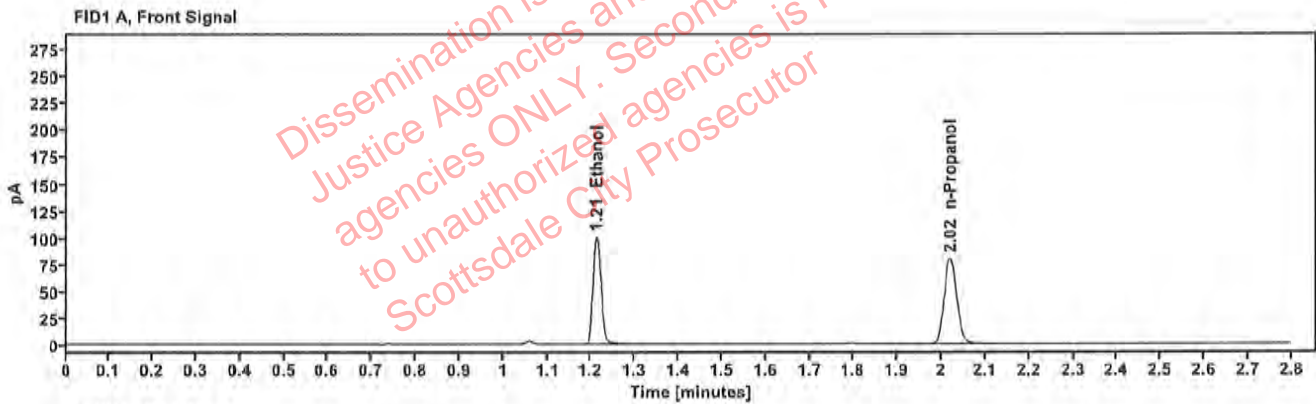


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1987	1.213	127.510
n-Propanol	---	2.020	158.924

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.360	140.513
n-Propanol	2.440	174.242

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	ITEM0003	Vial:	17
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	04Oct23
Instrument:	US14173023 CN14160045	Injection date:	10/4/2023 12:15:14 PM
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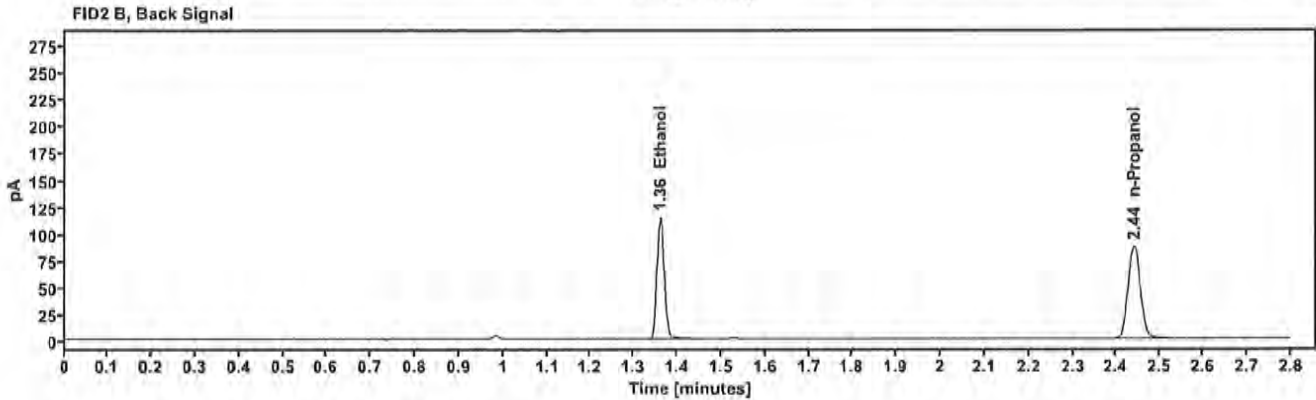
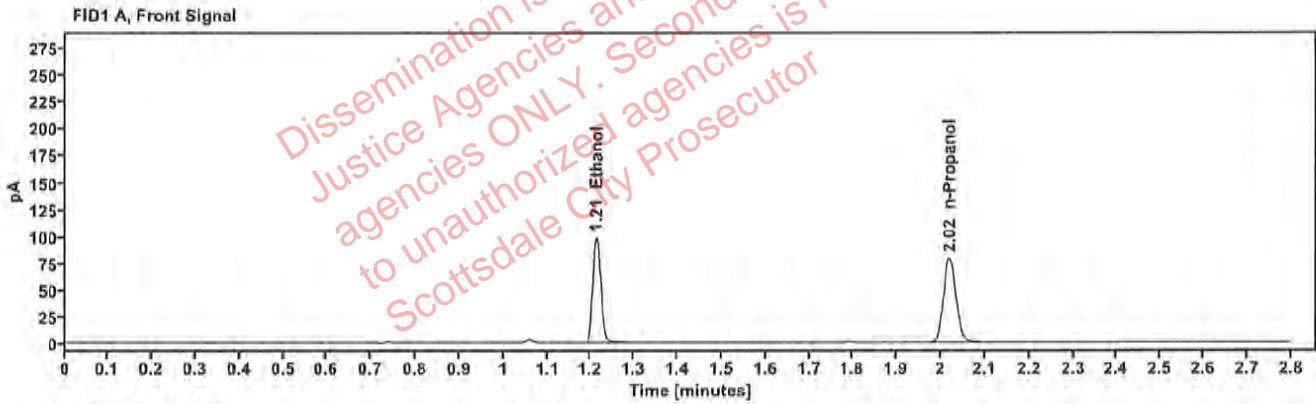


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1976	1.213	124.935
n-Propanol	---	2.019	156.567

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.360	137.618
n-Propanol	2.440	171.802

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	419-01O.G.	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Oct23
Instrument:	US14173023 CN14160045	Injection date:	10/4/2023 12:19:14 PM
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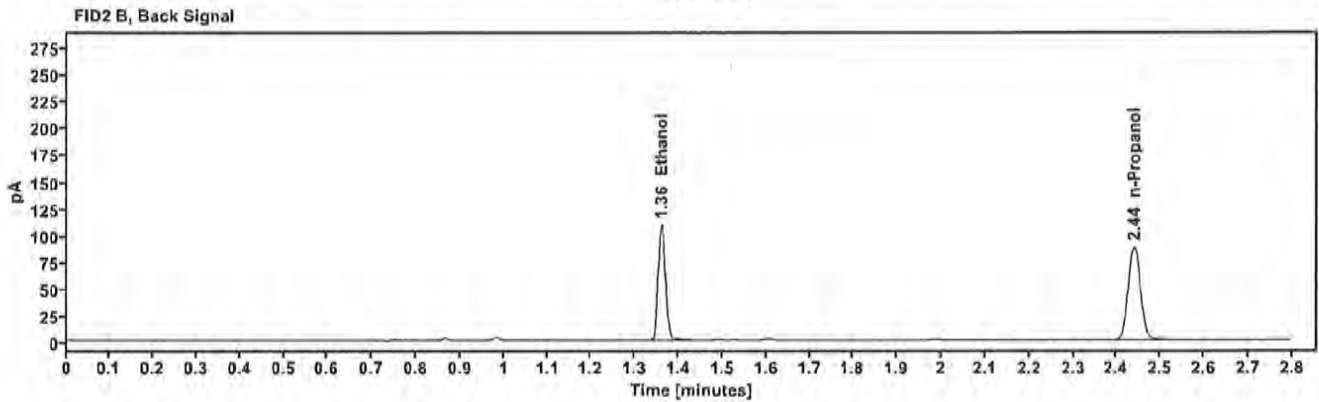
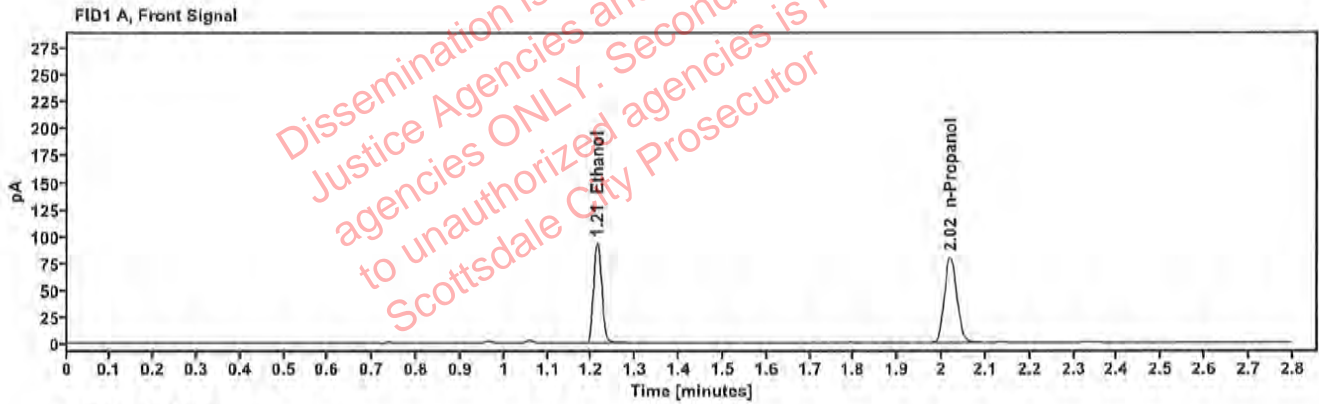


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1862	1.212	118.955
n-Propanol	---	2.019	158.309

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.360	131.068
n-Propanol	2.440	173.866

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	419-01O.G.	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Oct23
Instrument:	US14173023 CN14160045	Injection date:	10/4/2023 12:23:29 PM
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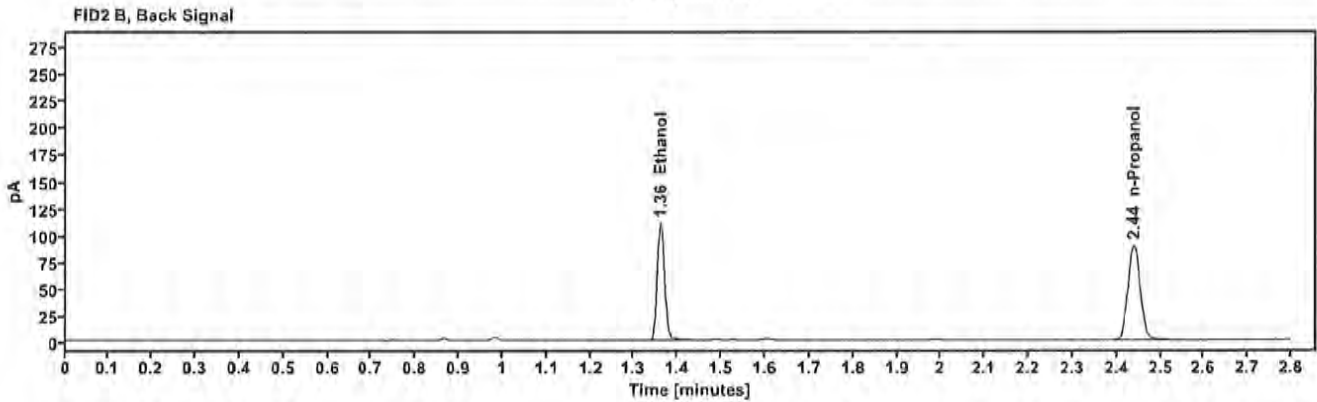
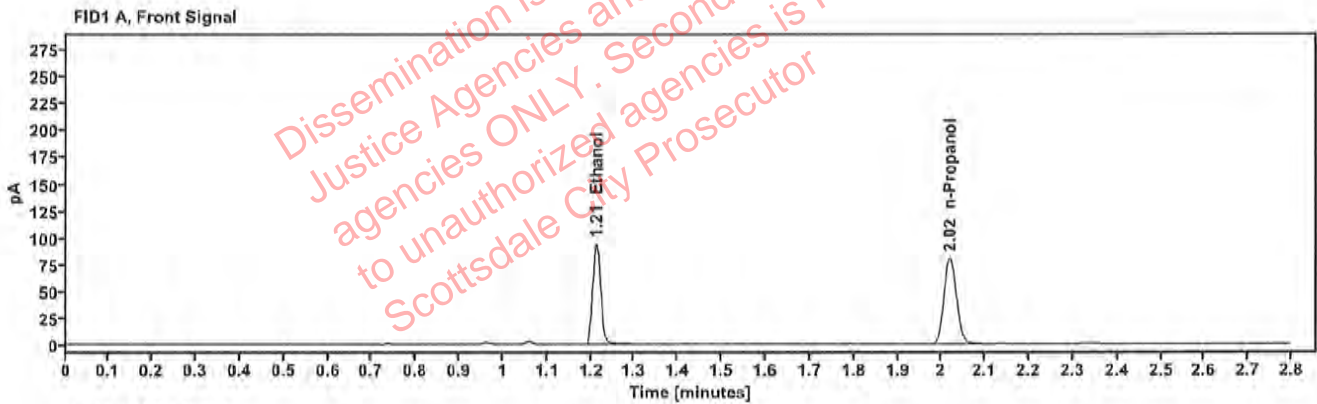


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1866	1.212	120.398
n-Propanol	---	2.019	159.866

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.360	132.306
n-Propanol	2.439	175.613

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	405-01C.S.	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Oct23
Instrument:	US14173023 CN14160045	Injection date:	10/4/2023 12:31:29 PM
Data file:	C:\Chem32\1\Data\04Oct23\21.D	Analyst:	Canonico

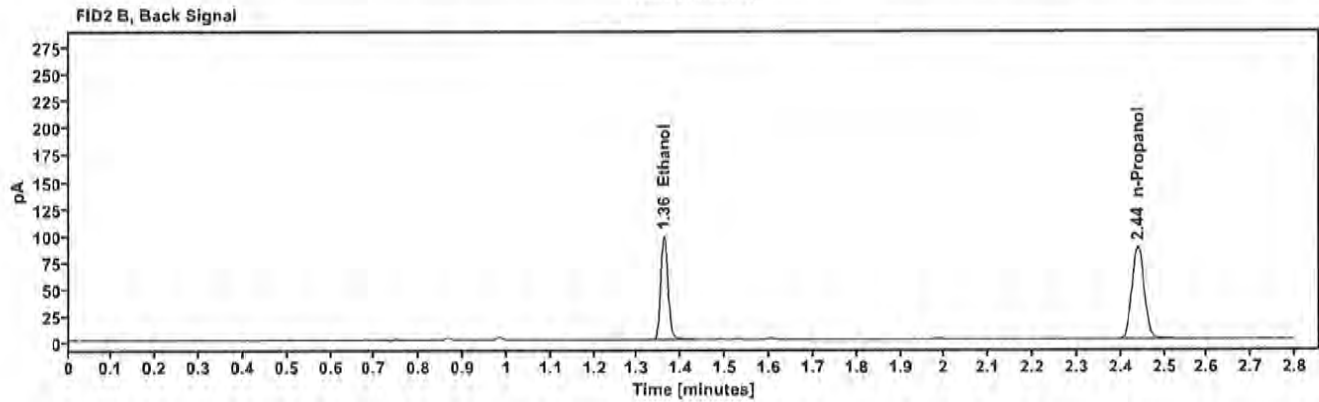
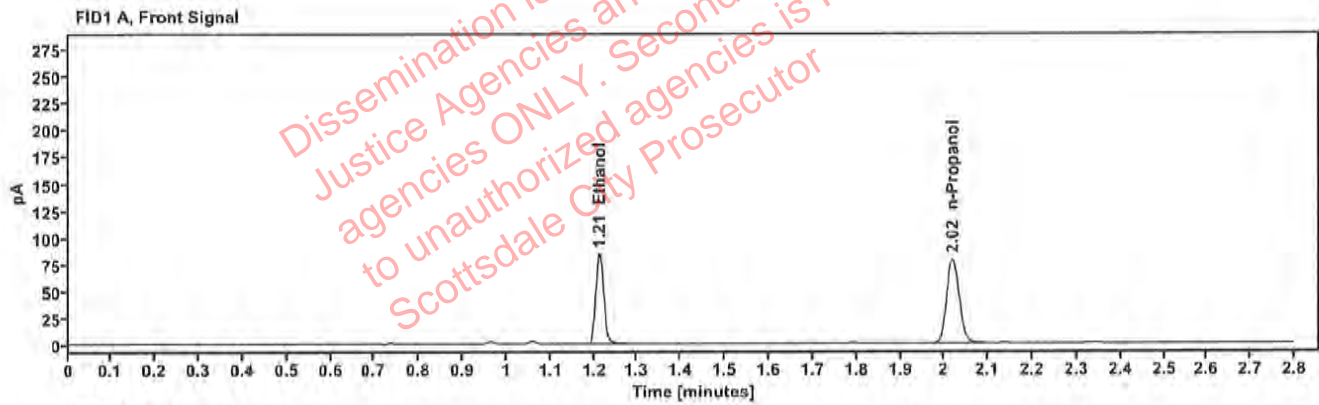


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1705	1.212	107.298
n-Propanol	-----	2.019	156.066

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.360	118.223
n-Propanol	2.439	171.421

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	405-01C.S.	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Oct23
Instrument:	US14173023 CN14160045	Injection date:	10/4/2023 12:35:29 PM
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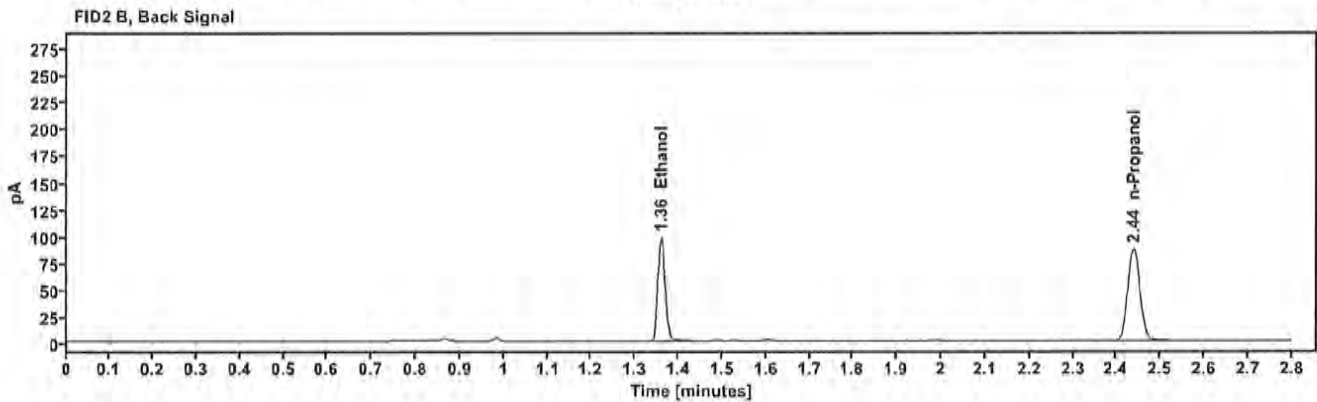
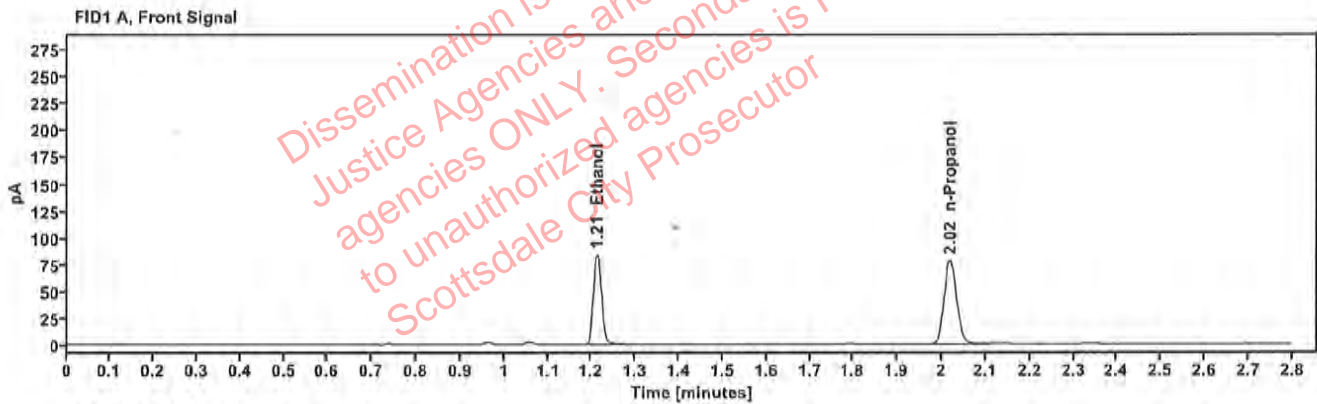


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1706	1.212	107.002
n-Propanol	-----	2.019	155.535

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.360	117.789
n-Propanol	2.439	170.805

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	425-01N.A.	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Oct23
Instrument:	US14173023 CN14160045	Injection date:	10/4/2023 12:39:29 PM
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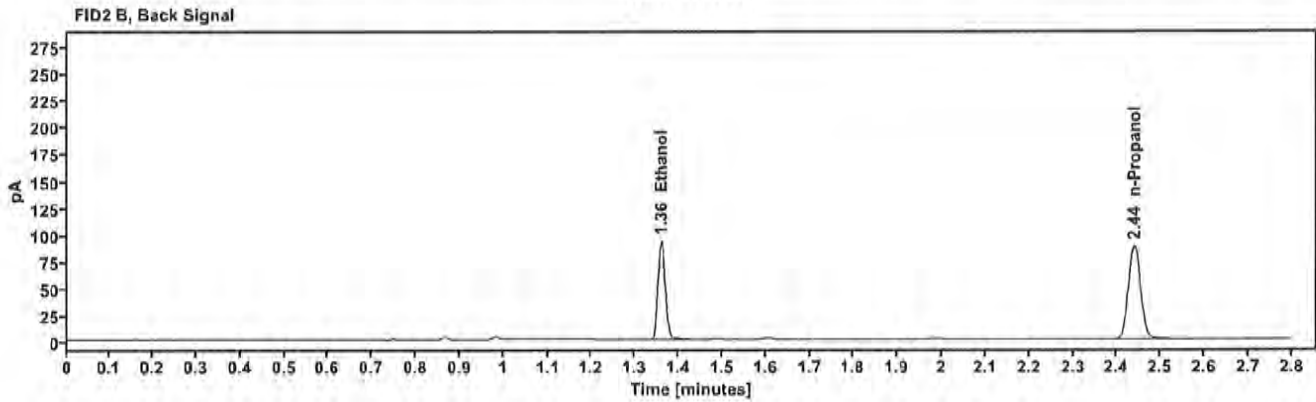
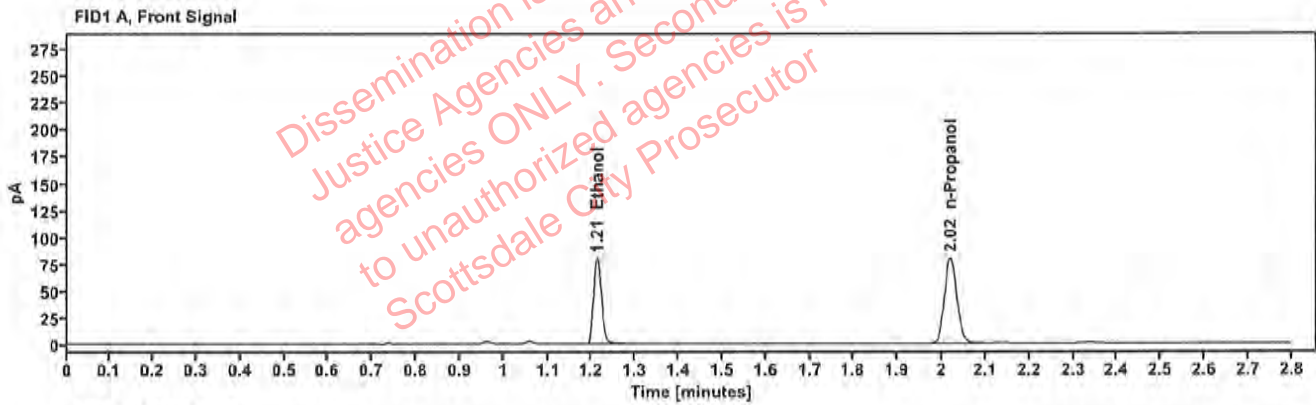


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1595	1.212	101.533
n-Propanol	---	2.019	157.920

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.360	111.821
n-Propanol	2.439	173.545

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	425-01N.A.	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Oct23
Instrument:	US14173023 CN14160045	Injection date:	10/4/2023 12:43:29 PM
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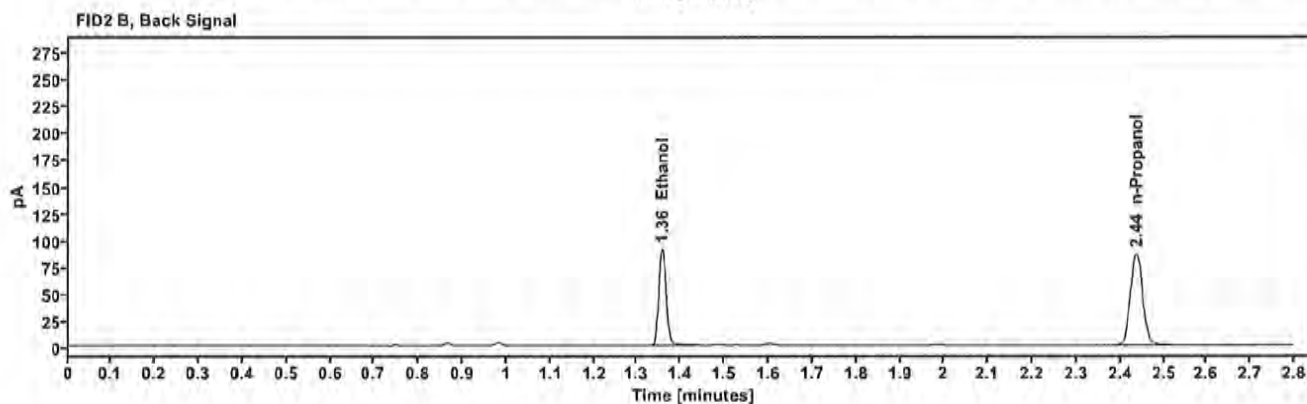
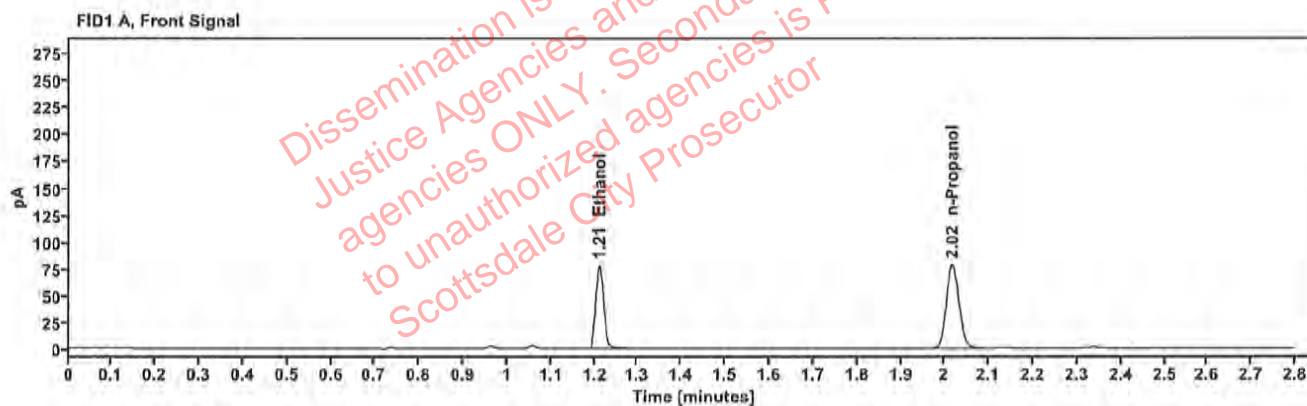


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1569	1.211	98.872
n-Propanol	-----	2.017	156.370

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.357	109.203
n-Propanol	2.437	170.915

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	285-01J.T.	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Oct23
Instrument:	US14173023 CN14160045	Injection date:	10/4/2023 12:47:45 PM
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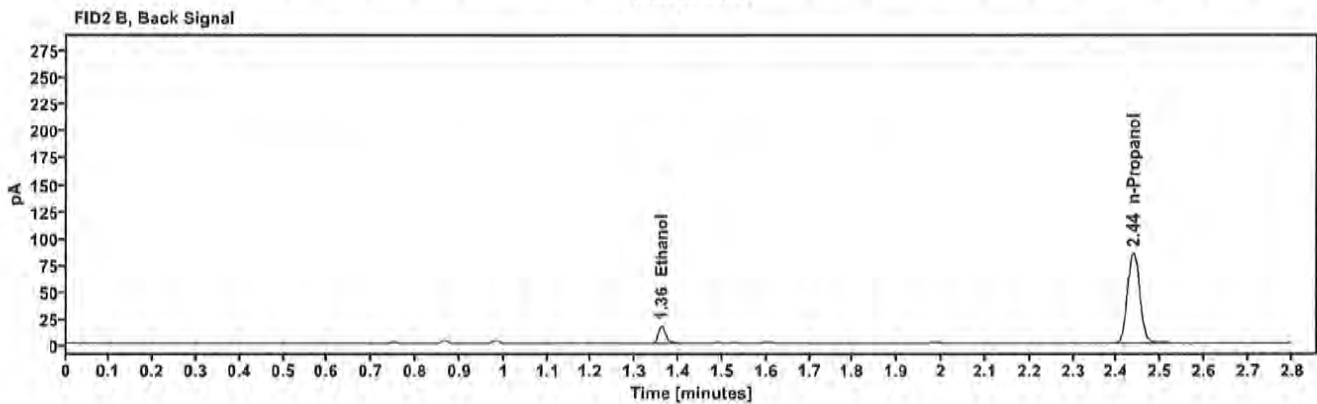
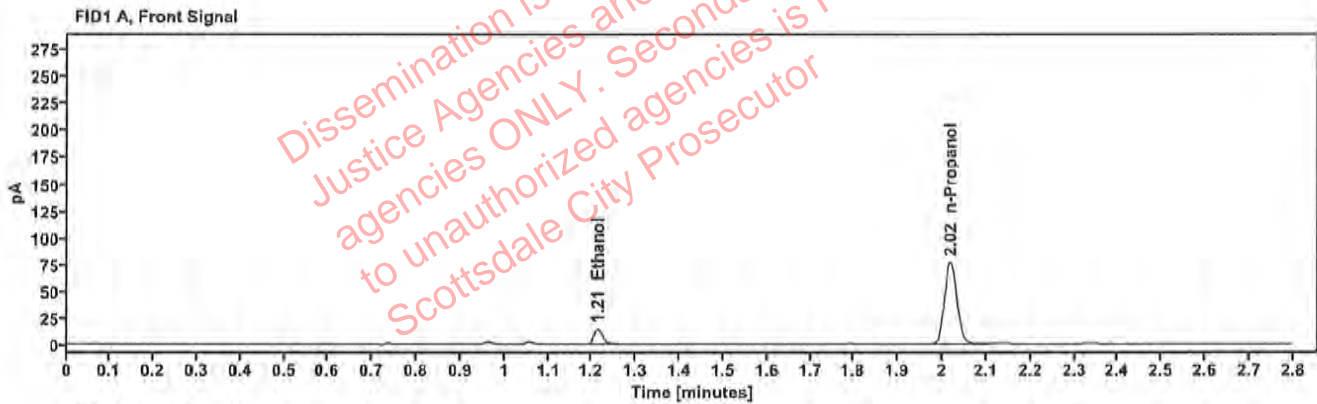


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0316	1.213	18.679
n-Propanol	---	2.018	152.655

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.360	20.998
n-Propanol	2.438	167.656

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	285-01J.T.	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Oct23
Instrument:	US14173023 CN14160045	Injection date:	10/4/2023 12:51:45 PM
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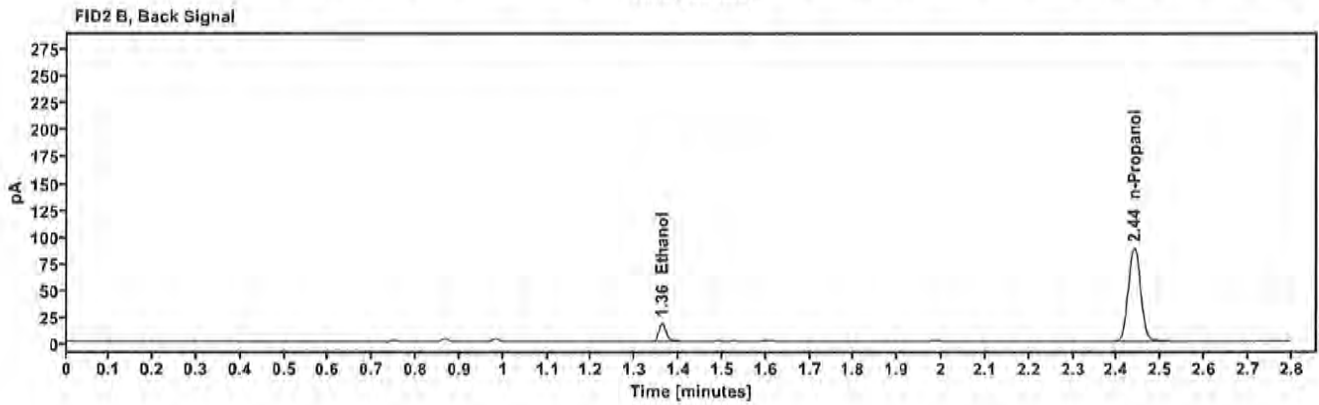
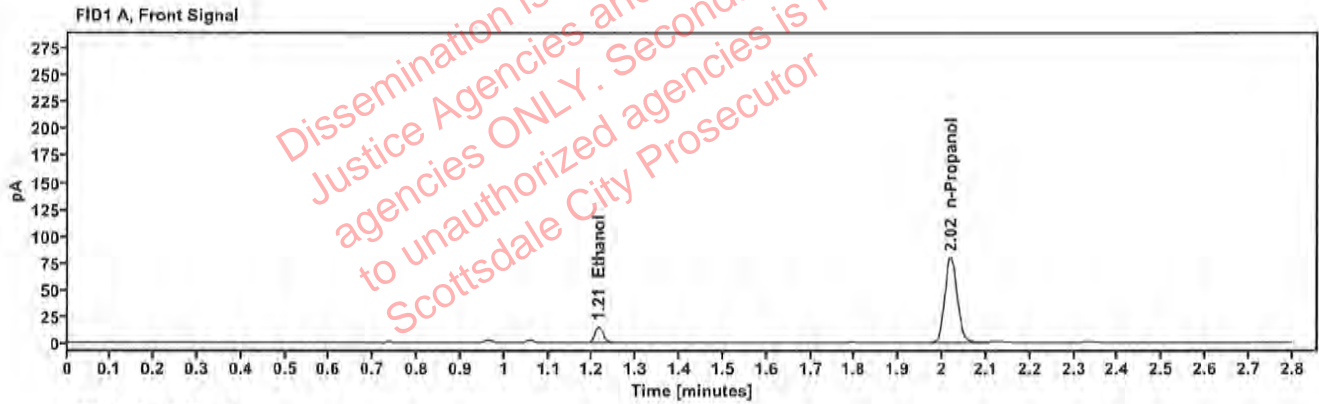


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0318	1.214	19.489
n-Propanol	---	2.019	158.608

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.361	21.813
n-Propanol	2.439	174.262

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	429-01 T.H.	Vial:	27
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	04Oct23
Instrument:	US14173023 CN14160045	Injection date:	10/4/2023 12:55:45 PM
Data file:	C:\Chem32\1\Data\04Oct23\27.D	Analyst:	Canonico

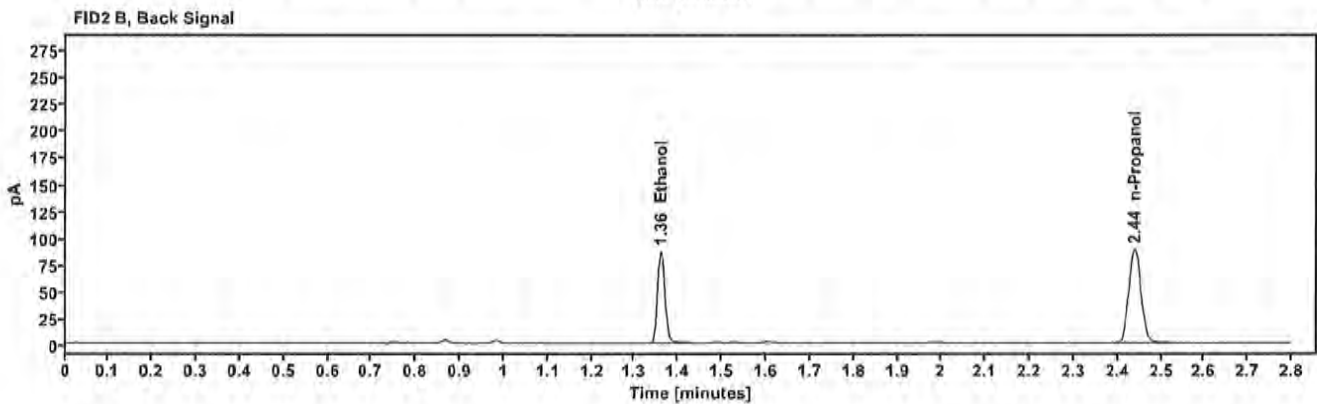
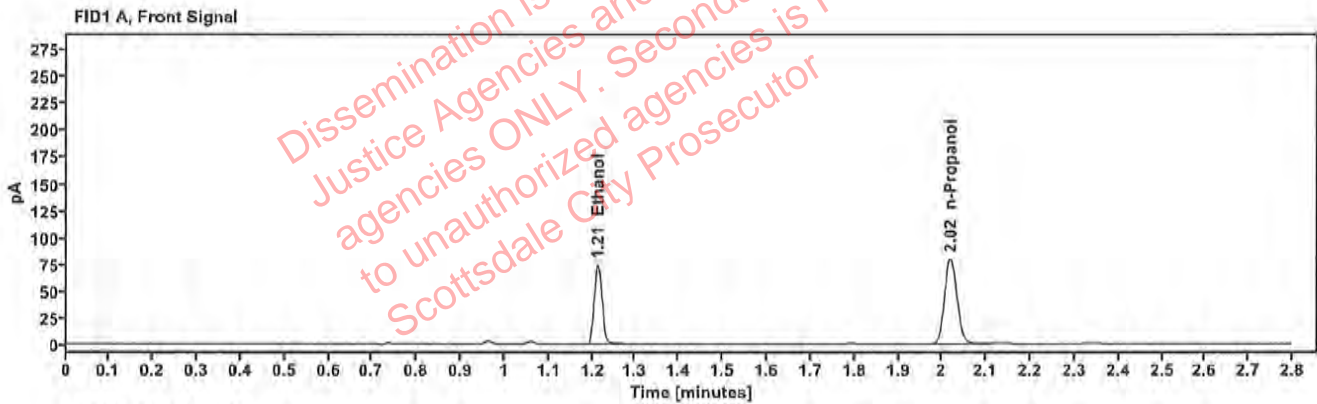


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1481	1.212	94.748
n-Propanol	---	2.019	158.797

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.360	104.413
n-Propanol	2.439	174.305

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	429-01T.H.	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Oct23
Instrument:	US14173023 CN14160045	Injection date:	10/4/2023 12:59:44 PM
Data file:	C:\Chem32\1\Data\04Oct23\28.D	Analyst:	Canonico

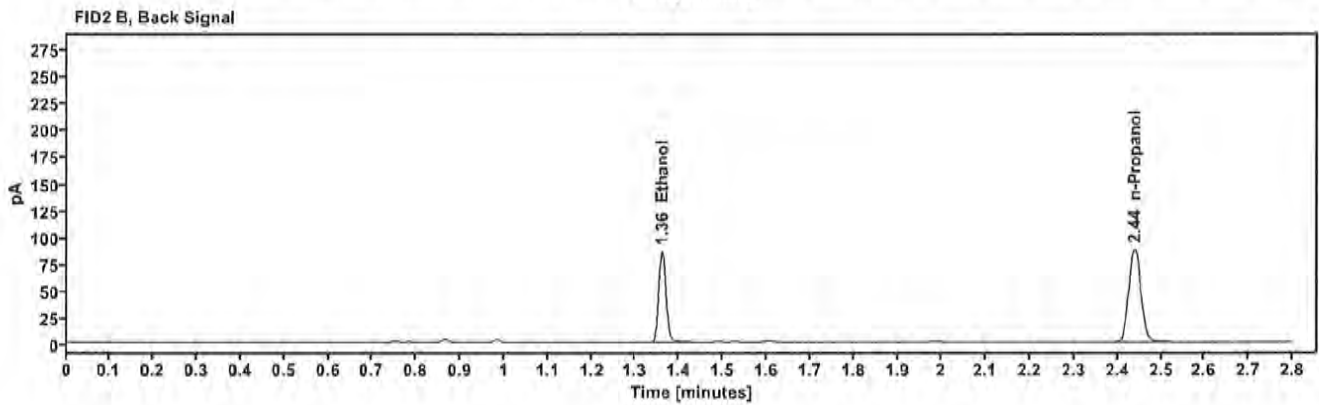
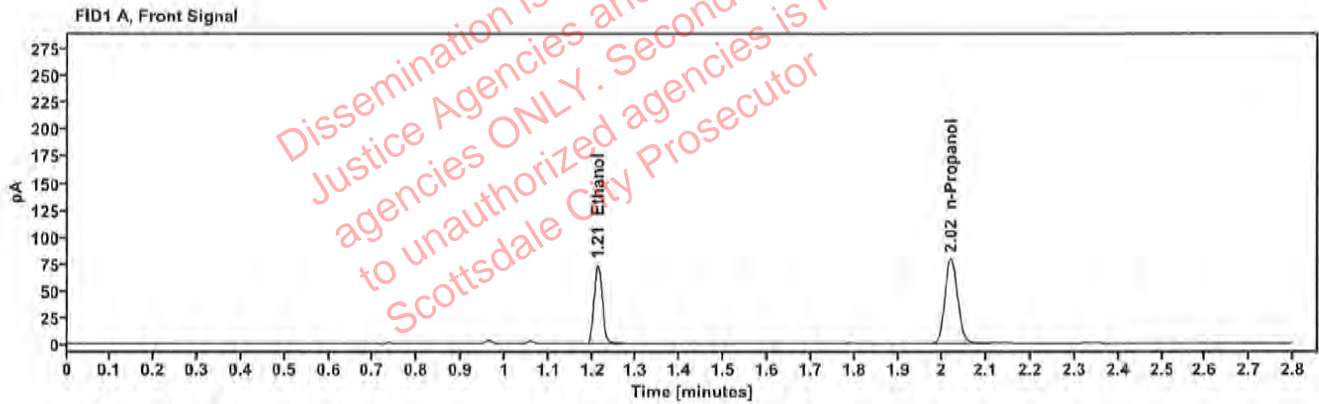


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1469	1.212	94.078
n-Propanol	-----	2.019	159.028

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.360	103.779
n-Propanol	2.439	173.234

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2319574-2	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Oct23
Instrument:	US14173023 CN14160045	Injection date:	10/4/2023 1:03:44 PM
Data file:	C:\Chem32\1\Data\04Oct23\29.D	Analyst:	Canonico

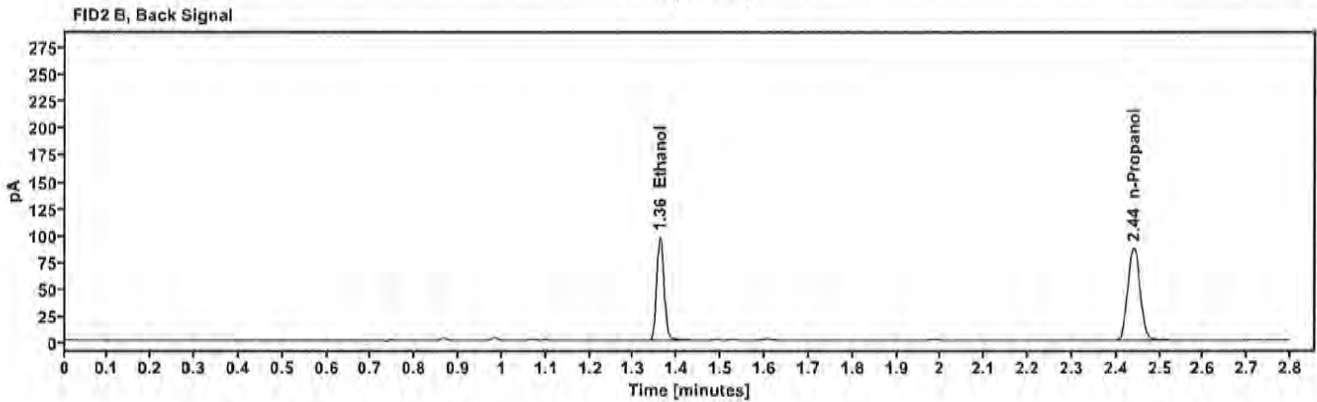
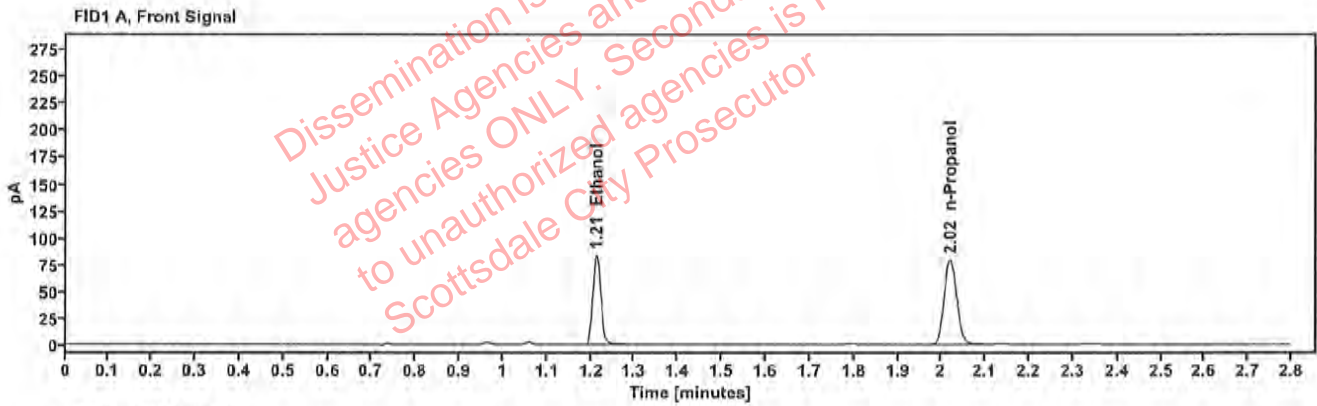


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1681	1.213	106.608
n-Propanol	—	2.019	157.257

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.360	117.455
n-Propanol	2.440	172.591

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2319574-2	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Oct23
Instrument:	US14173023 CN14160045	Injection date:	10/4/2023 1:07:44 PM
Data file:	C:\Chem32\1\Data\04Oct23\30.D	Analyst:	Canonico

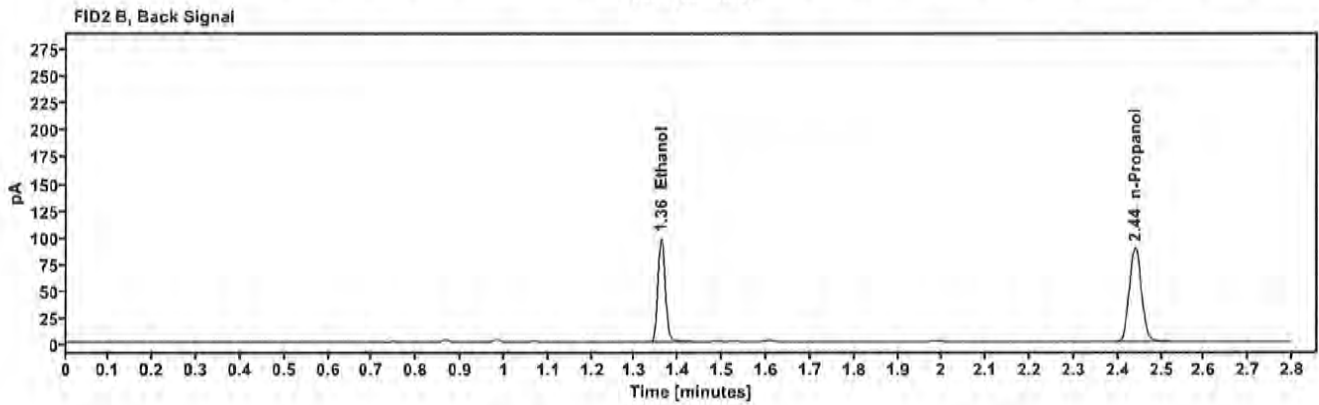
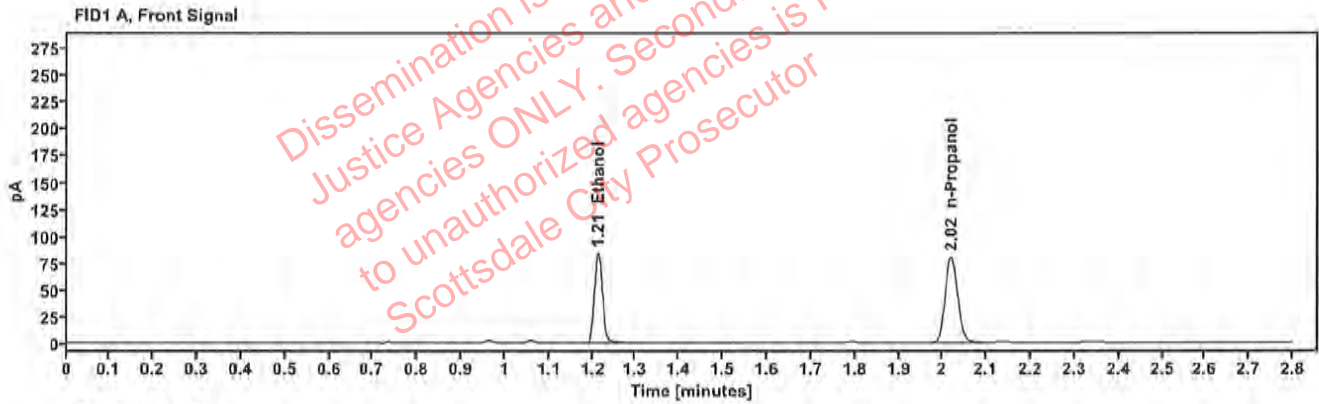


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1661	1.212	107.110
n-Propanol	---	2.019	159.953

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.360	118.117
n-Propanol	2.439	174.789

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2319710-2	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Oct23
Instrument:	US14173023 CN14160045	Injection date:	10/4/2023 1:15:59 PM
Data file:	C:\Chem32\1\Data\04Oct23\32.D	Analyst:	Canonico

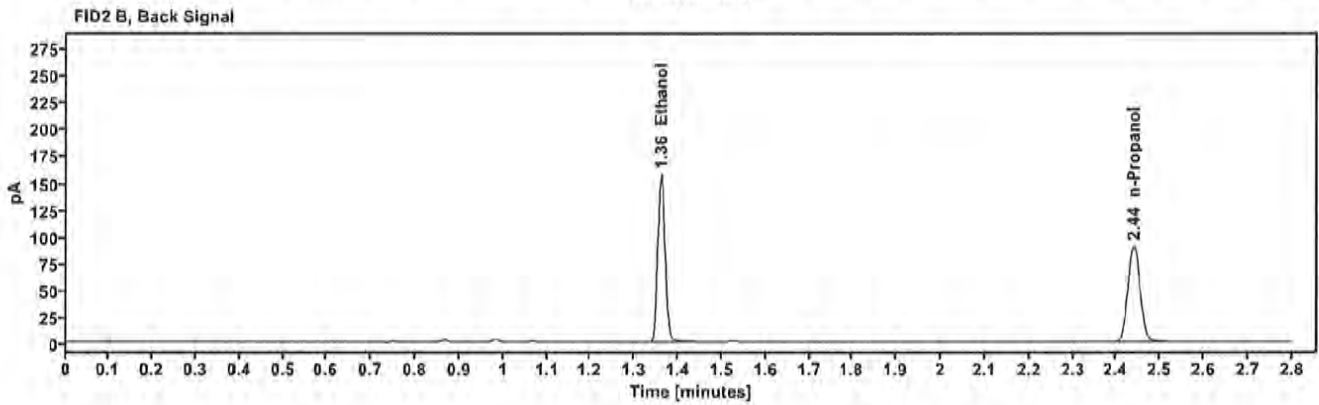
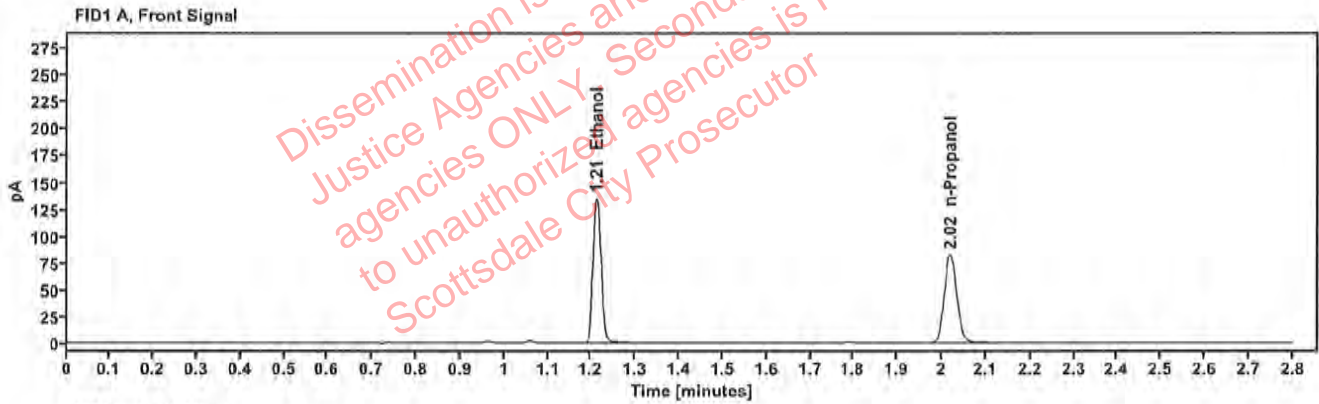


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2600	1.212	171.554
n-Propanol	---	2.019	163.046

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.360	189.265
n-Propanol	2.439	178.329

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2319710-2	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Oct23
Instrument:	US14173023 CN14160045	Injection date:	10/4/2023 1:19:59 PM
Data file:	C:\Chem32\1\Data\04Oct23\33.D	Analyst:	Canonico

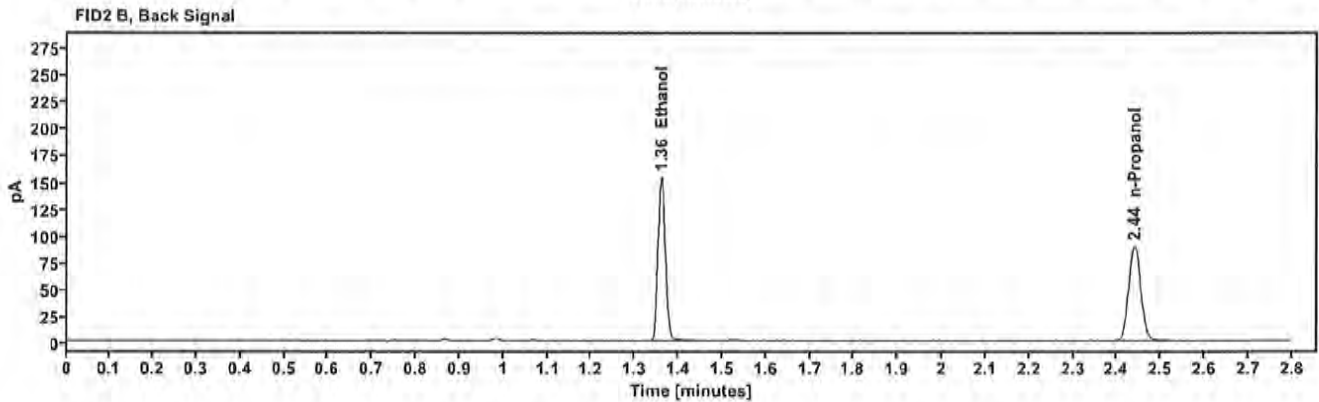
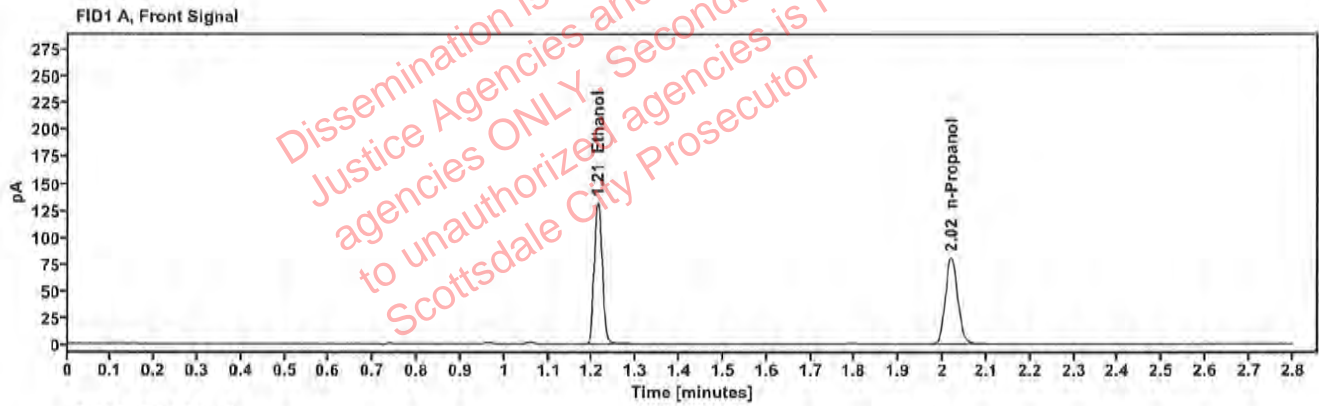


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2591	1.212	168.086
n-Propanol	—	2.019	160.357

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.360	184.917
n-Propanol	2.439	175.438

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2319855-1	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Oct23
Instrument:	US14173023 CN14160045	Injection date:	10/4/2023 1:23:59 PM
Data file:	C:\Chem32\1\Data\04Oct23\34.D	Analyst:	Canonico

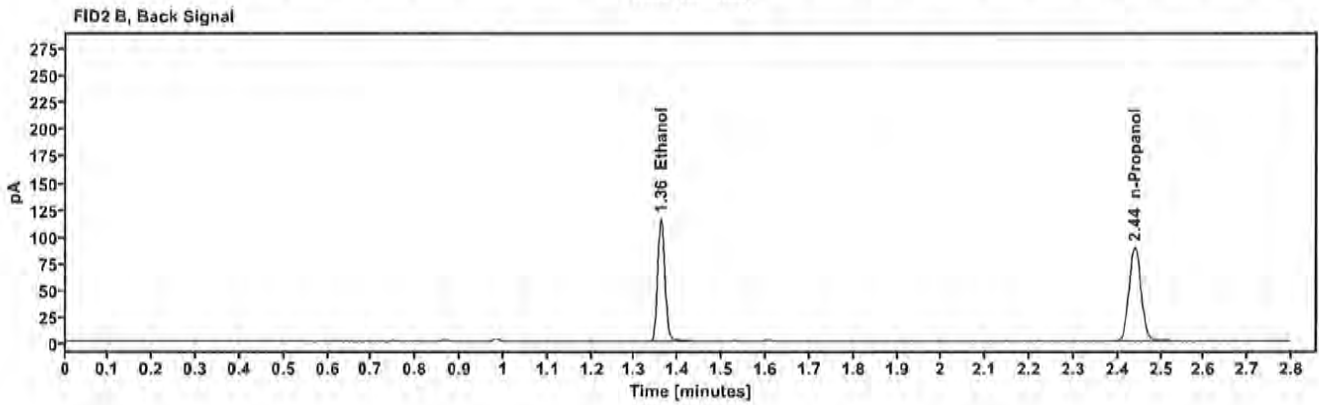
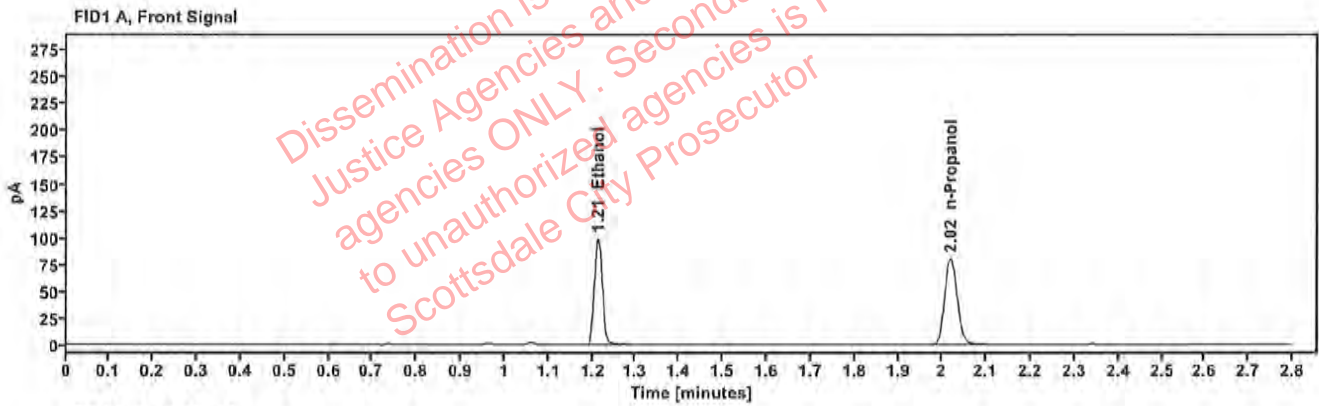


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1966	1.212	126.406
n-Propanol	—	2.019	159.197

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.360	139.216
n-Propanol	2.439	174.683

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2319855-1	Vial:	35
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	04Oct23
Instrument:	US14173023 CN14160045	Injection date:	10/4/2023 1:27:59 PM
Data file:	C:\Chem32\1\Data\04Oct23\35.D	Analyst:	Canonico

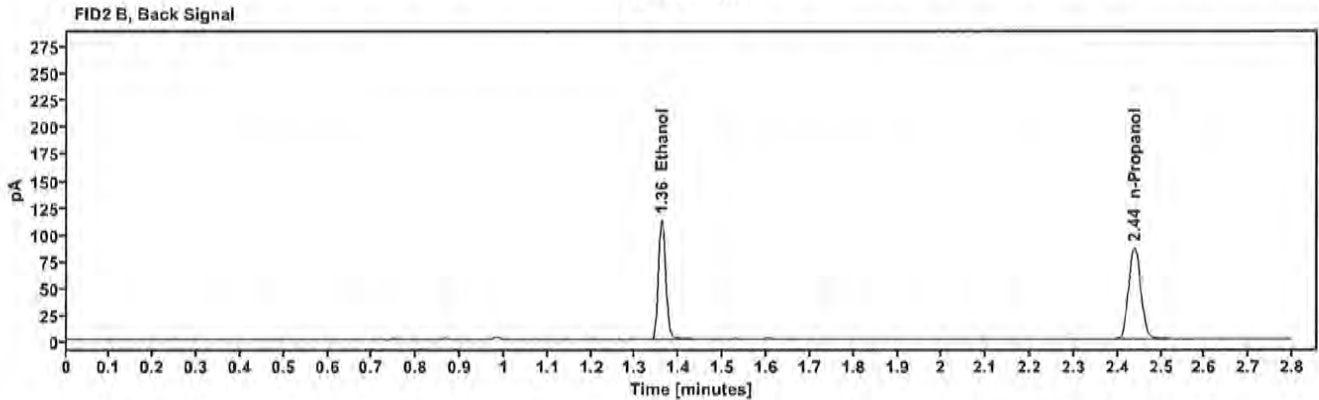
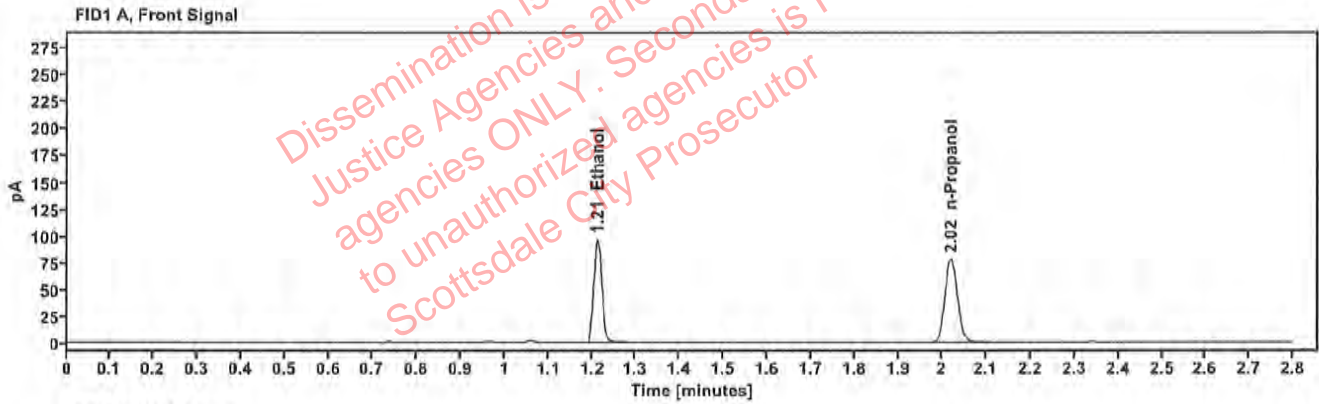


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1959	1.212	122.868
n-Propanol	-----	2.019	155.298

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.360	135.422
n-Propanol	2.439	170.597

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2319650-1	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Oct23
Instrument:	US14173023 CN14160045	Injection date:	10/4/2023 1:31:59 PM
Data file:	C:\Chem32\1\Data\04Oct23\36.D	Analyst:	Canonico

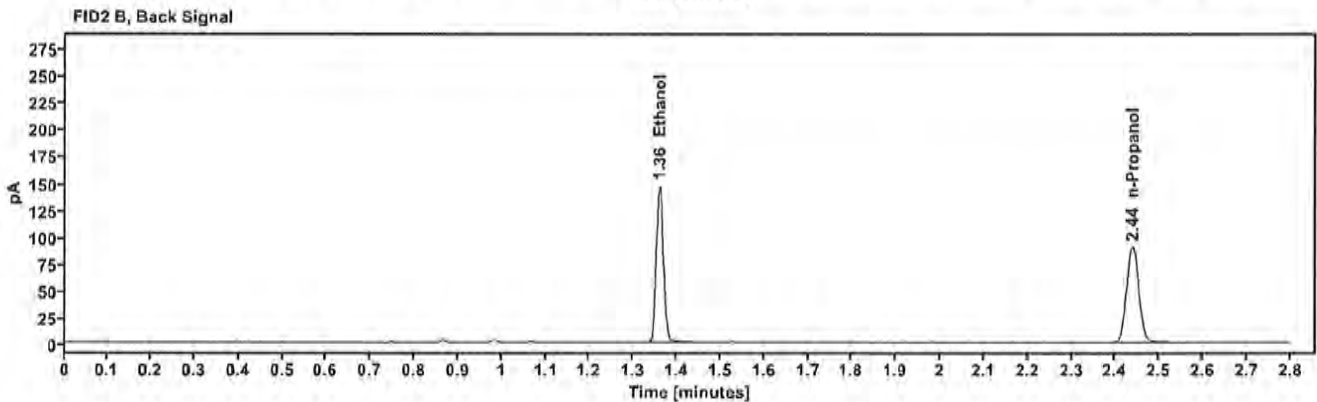
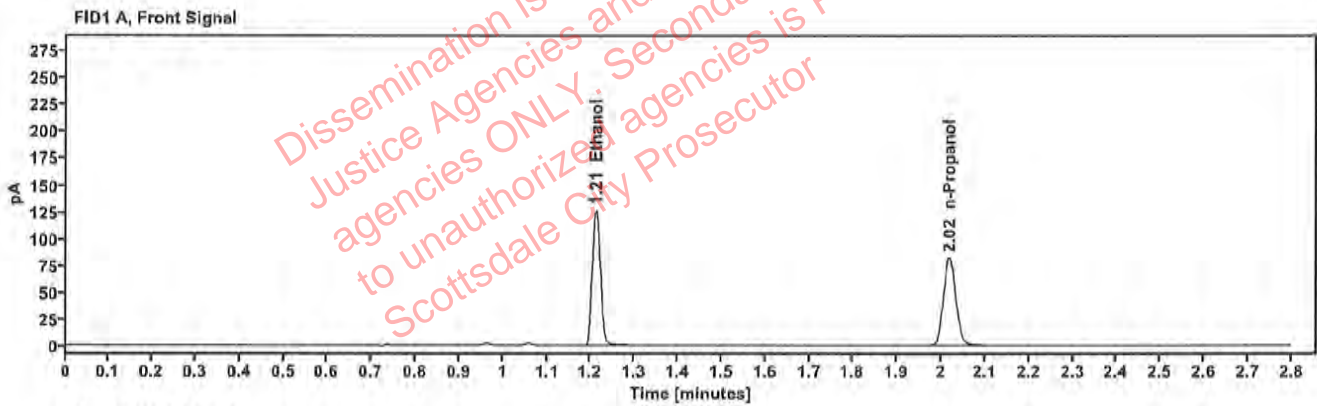


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2445	1.212	160.452
n-Propanol	---	2.018	162.250

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	176.640
n-Propanol	2.438	177.656

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2319650-1	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Oct23
Instrument:	US14173023 CN14160045	Injection date:	10/4/2023 1:36:14 PM
Data file:	C:\Chem32\1\Data\04Oct23\37.D	Analyst:	Canonico

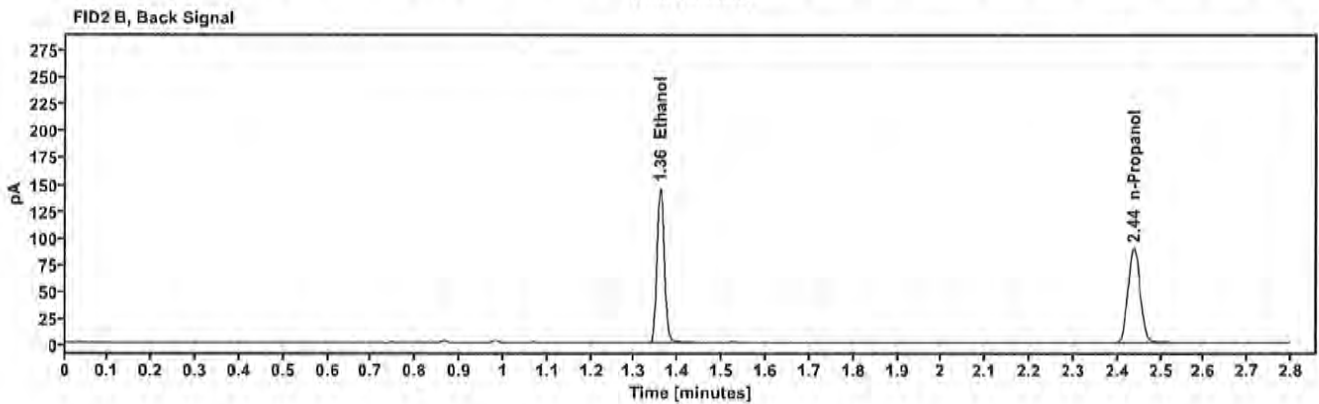
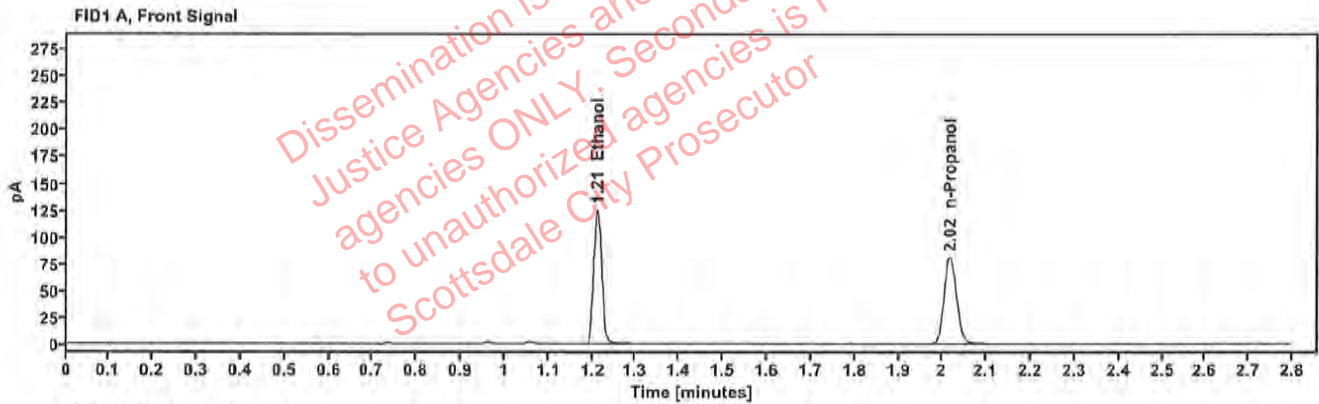


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2454	1.211	159.802
n-Propanol	—	2.018	161.019

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	175.607
n-Propanol	2.437	175.995

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2320337-3	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Oct23
Instrument:	US14173023 CN14160045	Injection date:	10/4/2023 1:40:14 PM
Data file:	C:\Chem32\1\Data\04Oct23\38.D	Analyst:	Canonico

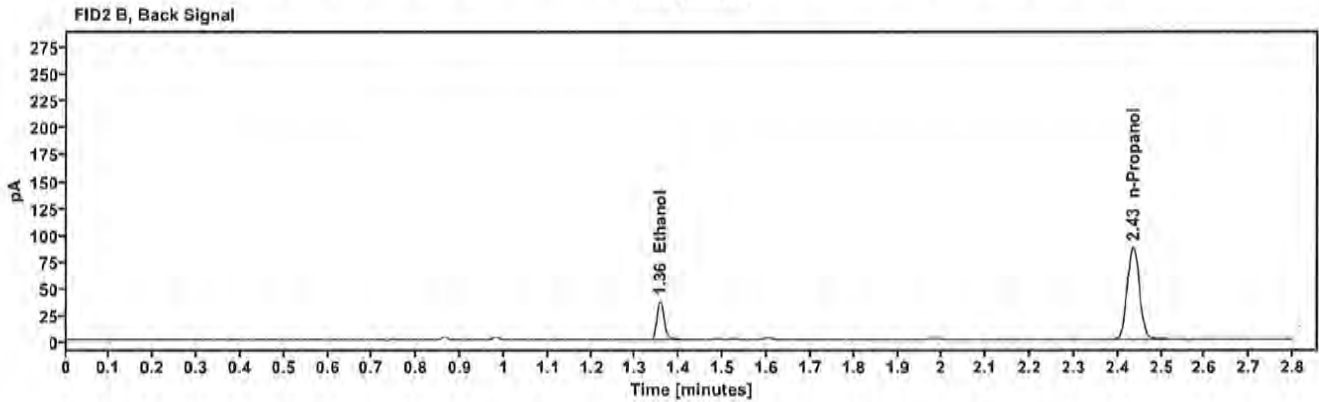
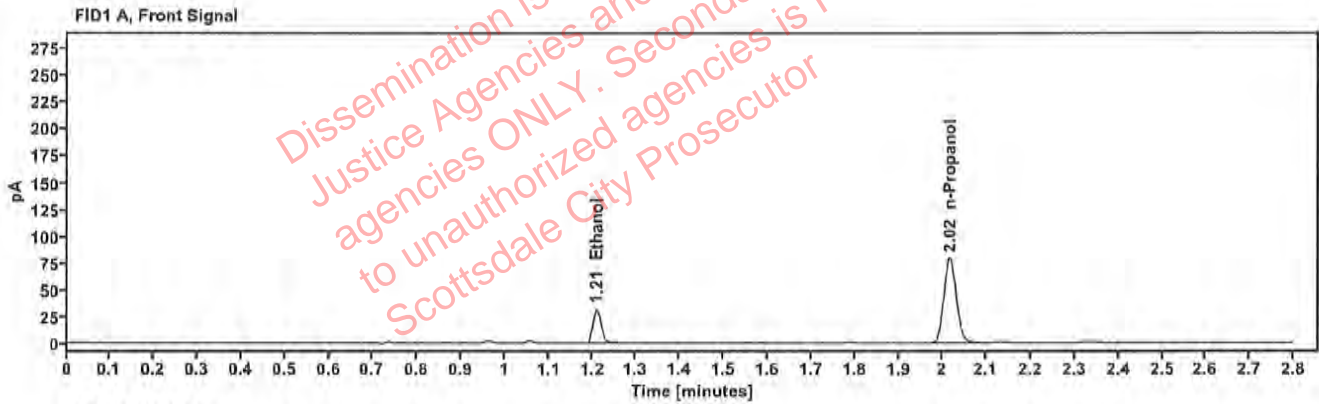


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0640	1.211	40.061
n-Propanol	---	2.016	157.615

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.356	44.220
n-Propanol	2.435	172.037

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2320337-3	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	04Oct23
Instrument:	US14173023 CN14160045	Injection date:	10/4/2023 1:44:14 PM
Data file:	C:\Chem32\1\Data\04Oct23\39.D	Analyst:	Canonico

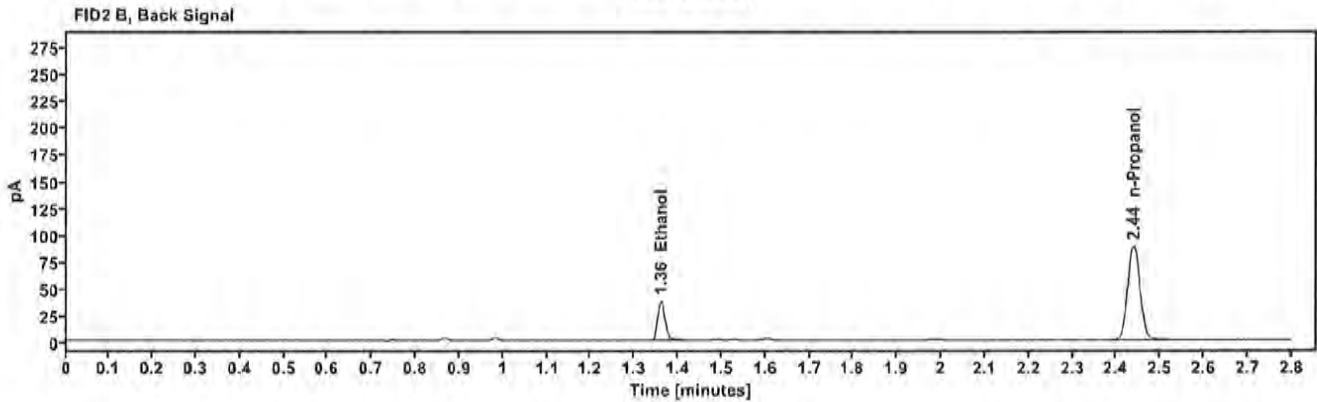
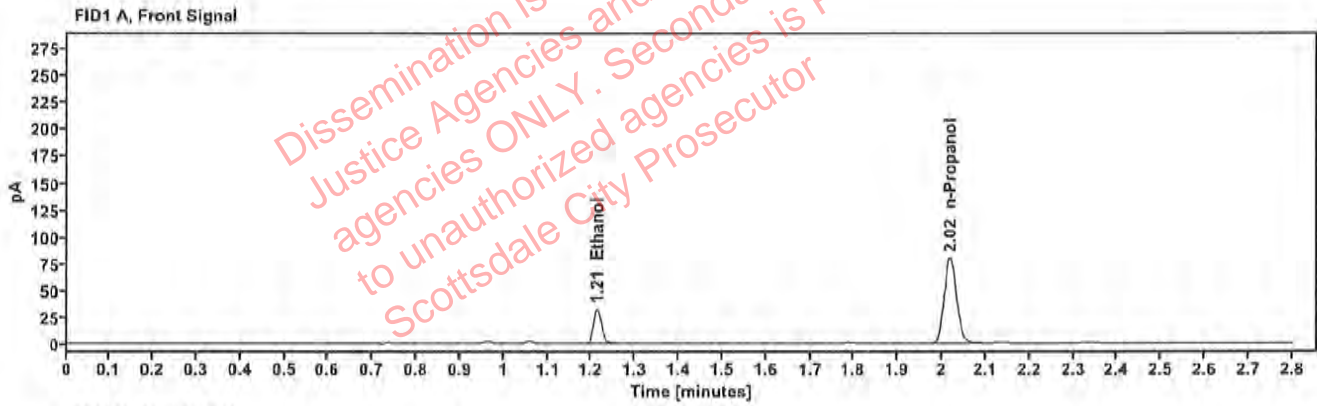


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0648	1.213	41.021
n-Propanol	---	2.019	159.426

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.360	45.414
n-Propanol	2.438	174.185